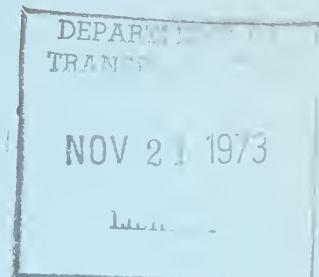


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MBTA GREEN LINE TESTS
RIVERSIDE LINE
DECEMBER 1972

VOLUME IV
WESTBOUND TRACK PROFILE

George W. Neat, Editor



OCTOBER 1973
FINAL REPORT

DOCUMENT IS AVAILABLE TO THE PUBLIC
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INFORMATION SERVICE, SPRINGFIELD,
VIRGINIA 22151.

Prepared for
DEPARTMENT OF TRANSPORTATION
URBAN MASS TRANSPORTATION ADMINISTRATION
Office of Research, Development, and Demonstrations
Washington DC 20591

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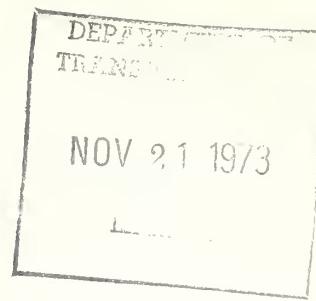
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16. Abstract The UMTA sponsored Urban Rail Supporting Technolgy Program emphasizes three major task areas; facilities development, technology development, and test program development. The test program development is composed of three sub-areas; vehicle testing, ways and structures testing, and track geometry measurement. This report, in five volumes, presents the technical methodology, data samples, and results of tests conducted on the Massachusetts Bay Transit Authority (MBTA) Green Line in December, 1972 prior to initiation of the Green Line refurbishment effort.			
An instrumented revenue type car was used for the measurement of track geometry, ride roughness, and interior noise. Actual car speed was approximately the same as normal revenue speed. The objectives of the tests were to identify critical track sections for improvement to quantify the benefits produced by the track rehabilitation program, and to provide data for TSC's development of an advanced track geometry measurement system.			
Volume IV presents the track profile computer printout for the West-bound Track.			
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VOLUME IV WESTBOUND TRACK PROFILE COMPUTER PRINTOUT

This Volume contains the Westbound (Lechmere to Riverside) track profile computer printout for the MBTA Green Line (Riverside Line) tests run in December, 1972. Examples of this data were presented in Volume I of this report.

A map of the Green Line is shown in Figure 1, and station distances are given in Figure 2.

As an aid to the reader, the Summary Sheet and the Test and Data Sections of Volume I, Appendix B, are reprinted here.

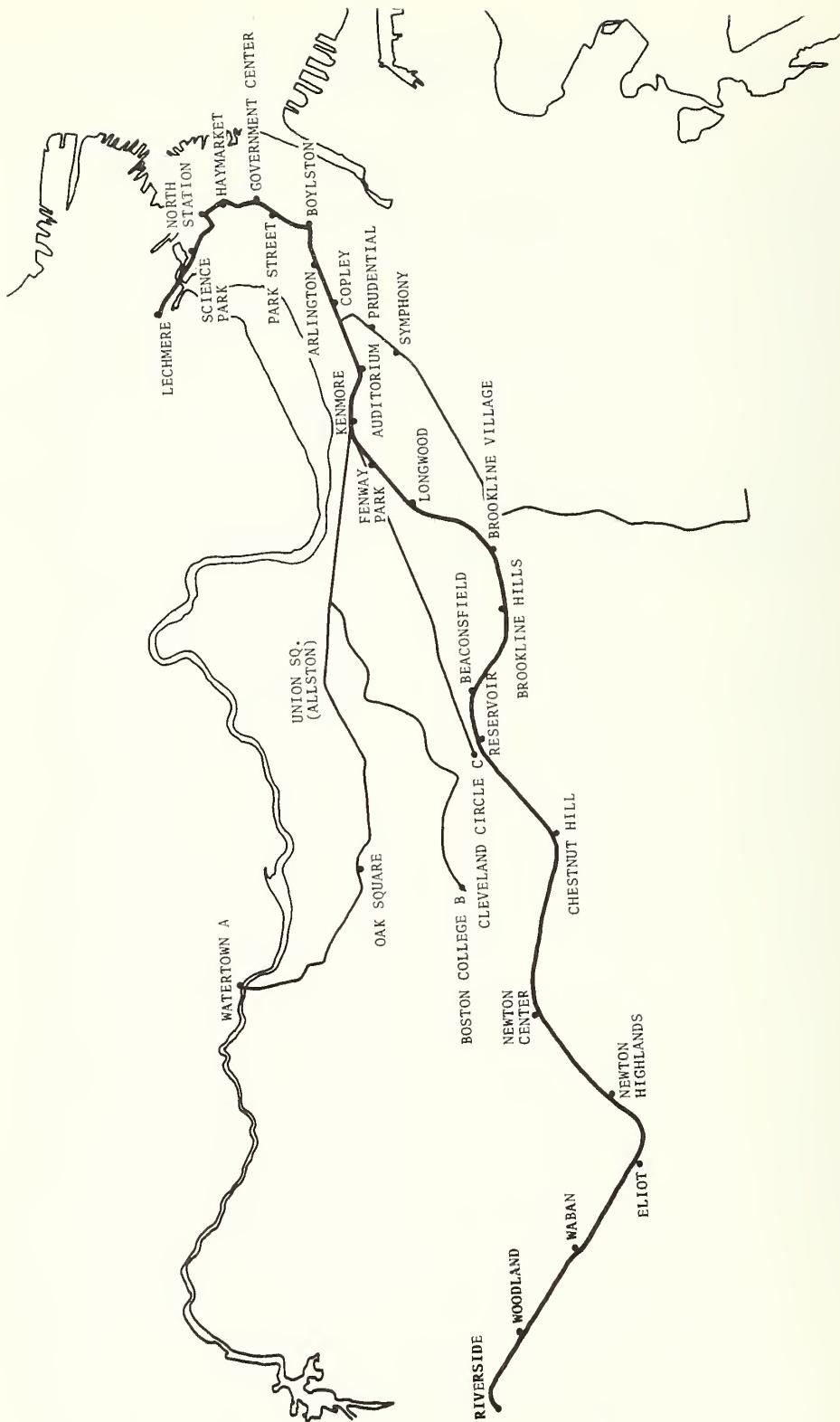


Figure 1 Map of MBTA Green Line

<u>Station</u>	<u>Distance From Last Station</u>	<u>Cumulative Distance</u>
Riverside	0	0
Woodland	2700	2700
Waban	4400	7100
Eliot	4600	11,700
Newton Highlands	4000	15,700
Newton Center	4300	20,000
Chestnut Hill	7700	27,700
Reservoir	5500	33,200
Beaconsfield	2300	35,500
Brookline Hills	4100	39,600
Brookline Village	2800	42,400
Longwood	3900	46,300
Fenway Park	2100	48,400
Kenmore	2900	51,300
Auditorium	2200	53,500
Copley	2600	56,100
Arlington	2000	58,100
Boylston	2100	60,200
Park Street	1200	61,400
Government Center	1500	62,900
Haymarket	1100	64,000
North Station	1800	65,800
Science Park	2100	67,900
Lechmere	3100	71,000

Figure 2 Station Distances

MBTA Green Line Tests, Riverside Branch

December, 1972

SEQUENCE NO. 12-72-601

PROCEDURE NO. PCC-TGC-6007-MBTA

OBJECTIVE:

To measure midchord track profile on the Riverside Branch of the Green Line, prior to initiation of track rehabilitation. These data will help establish which sections of track most severely require rework. These data will also be used for comparison with data recorded after the track has been ungraded.

STATUS:

Midchord profile data (10 foot chord) has been collected and processed for the twenty six-plus miles of the Riverside Branch track. The data is presented in 46 sets with each set representing a one-way section of track between two adjacent stations.

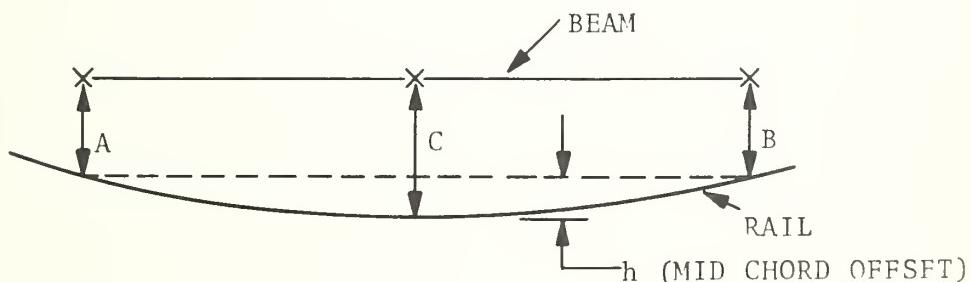


Test Description

In this test series, midchord profile of each rail is measured continuously using capacitive proximity detectors. Three probes are mounted on straight beams that are located alongside the wheels of the instrumented truck. Each probe is centered over the top surface of the rail. The electronics associated with each probe puts out a voltage that is proportional to the distance between the probe and the rail. Thus, if the outputs of the two end probes are denoted A and B and the output of the center probe is denoted C, the mid-chord formula yields the midchord offset h as

$$h = \frac{A + B}{2} - C$$

(see Figure 3). The midchord offset is the actual output of this measurement. The beam length used in this test series was 9 ft. 10 in.



$$h = \frac{A + B}{2} - C$$

Figure 3 Measurement of Midchord Offset

Data

The midchord profile data were recorded on analog tape during the test runs in the form of the outputs of each of the capacitance probe circuits as well as the computed midchord value. The data was then digitized after passing it through a Butterworth low-pass, four-pole, filter set for 30 Hz, and a unity gain amplifier. The tachometer pulses were divided down by a factor of 7810 and used to trigger the sampling of the Analog-to-Digital Converter.

A total of 23 sets of printout pages, corresponding to the 23 intervals between stations on the Westbound trip between Lechmere and Riverside, are contained in this volume.

Left and right midchord profiles are shown on separate sets of printouts for the 10-foot beam. Vehicle speed was intended to approximate typical revenue speed.

The sampled data were processed to locate the largest profile perturbations. The magnitude of the profile was divided according to zones of perturbation. The nominal zone with ± 0.25 inches midchord is defined as zone zero. Positive mid-chord measurements greater than 0.25 inches are defined by even numbered zones (e.g., 2 and 4). Negative midchord measurements less than 0.25 inches are defined by odd numbered zones. The size at the zones used here are defined as follows:

<u>Zone</u>	<u>Mid-chord Reading</u>
4	0.75 in. $\leq P$
2	+0.25 in. $\leq P < +0.75$ in.
0	-0.25 in. $< P < +0.25$ in.
1	-0.75 in. $< P \leq -0.25$ in.
3	$P \leq -0.75$ in.

The complete profile printout data, pages A, B and C for the 46 sections of track are given in Volume III and IV of this report. This volume gives the printouts for the 23 sections of the Westbound track, and Volume III gives them for the 23 related sections of the Eastbound track. Pages A on the printout charts show the location each time the profile reading enters a new zone. Pages B on the printout summarize the locations at which the peaks are reached in the extreme zones, 3 and 4. The magnitude of the peak is also given. Pages C on the printout summarize the section of track in terms of number of times each zone occurs and total number of feet in each zone.

The summary page, C, if each group can be used for comparison of one section of track with another. Pages B, by giving the location of the most severe perturbations, can be used for locating areas for investigation and possible repairs.

FROM - LECHMERE
TO - SCIENCE PARK
LEFT PROFILE

FEET	ZONE								
2.0	2	4.0	4	5.0	2	14.0	0	14.5	1
15.0	0	17.5	2	19.0	4	19.5	2	20.0	0
20.5	2	22.5	4	23.0	2	28.5	4	29.5	2
30.0	0	30.5	1	31.5	0	32.5	1	33.0	0
34.0	2	34.5	0	36.5	2	37.0	4	38.5	2
41.5	0	44.0	1	45.0	0	50.5	1	66.5	0
70.0	1	73.5	0	82.5	1	88.5	0	89.5	2
93.0	0	93.5	1	95.5	3	97.5	1	98.0	3
103.5	1	108.5	0	113.0	1	121.5	0	125.5	1
126.0	3	129.0	1	130.0	0	130.5	2	133.5	0
141.5	1	161.0	3	163.5	1	166.0	0	168.0	2
169.0	0	171.0	1	174.5	3	185.5	1	188.0	3
194.0	1	195.5	0	197.0	1	202.0	3	205.0	1
205.5	0	210.0	2	214.5	1	234.5	0	241.5	1
252.5	0	253.5	1	272.0	0	276.5	1	280.0	0
289.5	2	314.5	0	319.5	1	344.5	0	347.0	1
379.0	0	383.0	1	387.0	0	388.0	2	388.5	0
389.0	2	416.5	0	420.5	1	427.0	0	427.5	2
428.0	0	431.0	2	436.5	0	442.5	1	475.5	0
482.5	1	506.0	0	508.5	2	514.5	0	517.5	1
519.5	3	521.5	1	524.0	0	525.5	0	635.0	0
637.5	1	641.0	0	644.0	2	659.5	0	774.0	1
733.0	0	736.0	2	738.5	0	744.0	1	740.0	0
791.5	2	794.0	0	796.0	1	797.5	0	203.5	1
816.0	0	818.5	1	820.0	0	831.0	0	835.0	0
842.5	-1	852.5	0	854.5	2	874.0	0	937.0	-1
999.0	0	999.5	1	928.0	0	928.5	1	903.0	0
989.0	1	1005.5	0	1009.5	1	1056.5	0	1057.0	1
1058.0	0	1059.5	1	1058.5	0	1107.0	0	1108.0	0

Figure 4 Lechmere to Science Park Data

FROM - LECHMERE
TO - SCIENCE PARK
LEFT PROFILE

FEET	ZONE								
1124.0	1	1317.5	0	1322.0	1	1325.0	0	1326.5	2
1327.0	0	1328.0	2	1331.5	0	1332.0	1	1333.5	3
1336.5	1	1338.5	0	1342.5	2	1353.5	0	1354.0	1
1354.5	0	1357.5	1	1498.5	0	1501.5	1	1554.0	0
1559.0	1	1613.5	0	1620.5	1	1628.5	0	1632.0	1
1949.0	0	1949.5	1	1971.0	0	1971.5	1	1972.5	0
1973.0	1	1981.0	0	1984.0	2	1986.0	0	1990.5	1
2021.0	0	2022.5	1	2048.0	0	2048.5	1	2086.0	0
2087.0	1	2126.0	0	2128.5	2	2132.5	0	2136.5	1
2161.0	0	2162.5	1	2175.0	0	2178.0	1	2384.0	0
2384.5	1	2391.0	0	2392.0	2	2399.0	0	2400.5	1
2478.0	0	2481.5	1	2486.0	0	2489.0	2	2494.0	0
2495.5	1	2511.5	0	2517.5	1	2522.5	0	2527.0	1
2551.0	0	2552.0	2	2593.5	0	2595.5	2	2601.5	0
2612.0	1	2648.5	0	2651.0	1	2693.0	0	2694.0	2
2697.5	0	2701.5	1	2703.0	0	2703.5	2	2711.5	0
2716.0	1	2808.5	0	2810.0	1	2966.5	0	2969.5	2
2980.0	0	2985.5	1	3017.5	0	3018.5	1	3093.5	0
3097.5	1	3113.5	0	3114.5	1	3119.0	2	3119.5	1
3120.0	0	3121.0	2	3124.0	4	3125.0	2	3128.5	0
3136.5	1	3146.5	0	3152.0	1	3158.0	0	3167.5	1
3193.0	0	3204.5	1	3214.0	0	3219.5	1	3220.0	0
3220.5	1	3226.5	0	3232.0	1	3246.0	0	3251.5	1
3252.0	0	3252.5	1	3279.0	0	3279.5	1	3280.0	0
3286.5	1	3290.5	0	3297.0	1	3314.5	0	3315.0	1
3315.5	0	3317.5	1	3318.0	0	3318.5	1	3319.0	0
3320.0	1	3321.5	0	3335.0	1	3345.5	0	3346.0	1
3346.0	0	3350.0	1	3361.5	0	3374.0	1	3380.5	0
3384.0	1	3384.5	0	3385.0	1	3389.0	0	3391.5	1

Figure 4 Lechmere to Science Park Data (cont'd)

FROM - LECHMERE
TO - SCIENCE PARK
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3398.0	0	3398.5	1	3414.0	0	3416.5	1
3418.0	1	3422.0	0	3422.5	1	3423.0	0
3448.0	0	3448.5	1	3449.0	0	3449.5	1
3451.0	1	3467.0	0	3468.5	1	3475.0	0
3484.0	0	3488.5	2	3490.5	0	3494.5	1
3495.5	1	3514.5	0	3517.0	1	3546.0	0
3575.5	0	3579.0	1	3579.5	0	3580.0	1
3590.0	2	3593.0	0	3597.5	1	3702.5	0
3752.0	0	3753.0	1	3794.0	0	3797.0	1

Figure 4 Lechmere to Science Park Data (cont'd)

PAGE B 1

FROM - LECHMERE TO - SCIENCE PARK LEFT PROFILE				FEET ZONE MAX MAGNITUDE FEET ZONE MAX MAGNITUDE					
FEET	ZONE	MAX MAGNITUDE		FEET	ZONE	MAX MAGNITUDE			
4.0	4	0.830		19.0	4	0.916	22.5	4	0.931
26.5	4	1.094		37.0	4	0.773	95.5	3	-0.912
98.0	3	-0.767		126.0	3	-0.754	161.0	3	-1.112
174.5	3	-0.967		188.0	3	-0.920	202.0	3	-0.969
519.5	3	-0.865		797.5	3	-0.837	1333.5	3	-0.925
3119.0	3	-1.109		3124.0	4	0.879			

Figure 4 Lechmere to Science Park Data (cont'd)

Figure 4 Lechmere to Science Park Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
				6
4	99.00	0.75	6	14.5
2	0.75	0.25	43	85.5
0	0.25	-0.25	150	3226.5
1	-0.25	-0.75	125	430.5
3	-0.75	-99.00	11	43.0



FROM - LECHMERE
TO - SCIENCE PARK
RIGHT PROFILE

FEET	ZONE								
5.5	2	12.0	0	14.0	1	48.0	1	49.5	1
51.0	0	59.0	2	75.5	0	81.5	1	104.0	0
107.0	2	109.5	0	114.5	1	116.5	0	136.5	2
137.0	0	139.0	2	140.0	0	143.0	2	144.0	0
144.5	0	147.5	0	148.5	2	149.0	0	150.5	1
154.0	2	155.5	1	156.5	0	157.5	2	165.5	4
180.0	2	180.5	0	181.5	2	185.5	0	186.0	1
187.5	0	189.0	2	191.0	4	192.5	2	194.0	0
197.5	1	202.5	0	203.0	2	208.5	0	210.0	2
218.5	0	219.5	1	232.0	0	234.5	2	249.0	0
252.5	1	256.5	0	257.0	2	267.5	0	272.0	1
278.5	0	282.5	2	283.5	4	287.5	2	295.0	0
299.5	1	303.0	0	304.0	2	315.0	0	325.5	1
343.0	0	345.5	1	347.5	3	350.5	1	362.0	0
367.0	1	379.5	0	386.0	1	393.5	0	395.0	1
405.5	0	414.5	1	438.5	0	451.5	1	458.5	0
460.5	1	470.0	0	491.0	1	516.5	0	519.5	1
526.0	0	529.5	1	564.0	0	570.5	1	596.0	0
596.5	1	605.5	0	609.5	1	617.5	0	620.0	1
644.5	0	649.5	1	681.5	0	684.0	1	697.0	0
704.5	1	736.5	0	743.0	1	764.5	0	769.0	2
770.0	0	771.5	1	772.0	3	774.5	1	788.5	0
792.0	2	795.0	0	799.0	1	825.0	0	838.0	2
836.0	0	842.0	1	849.5	0	853.5	2	928.5	0
931.0	1	936.5	0	941.5	2	975.5	0	979.0	2
1036.0	0	1041.0	2	1057.5	0	1061.5	1	1100.0	0
1105.0	1	1108.5	0	1112.0	0	1229.5	0	1230.5	0
1279.5	0	1281.5	2	1283.5	0	1288.5	1	1290.5	0
1392.0	0	1292.5	0	1293.0	0	1319.5	0	1320.0	0

Figure 4 Lechmere to Science Park Data (cont'd)

FROM - LECHMERE				TO - SCIENCE PARK			
RIGHT PROFILE				LEFT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1323.5	0	1324.0	2	1325.0	0	1326.5	2
1330.5	1	1331.0	0	1333.0	1	1337.0	0
1355.0	0	1357.0	1	1475.0	0	1475.5	1
1490.5	2	1596.5	0	1598.0	1	1628.0	0
1720.0	0	1723.5	1	1729.0	0	1731.5	2
1754.5	2	1825.5	0	1827.5	2	1924.0	0
1985.5	0	1988.5	1	1989.0	0	1989.5	1
2055.0	1	2060.0	0	2062.5	2	2128.0	2
2196.0	0	2197.5	1	2203.5	0	2204.0	2
2256.5	1	2265.5	0	2266.0	2	2267.0	0
2268.0	0	2268.5	2	2373.5	0	2374.0	2
2379.5	1	2413.0	0	2415.0	2	2418.0	0
2515.0	0	2516.5	1	2526.5	0	2533.5	1
2548.0	2	2552.0	0	2552.5	2	2583.5	0
2595.0	0	2597.0	2	2601.5	0	2609.5	1
2659.5	2	2661.0	0	2661.5	2	2662.0	0
2681.0	0	2681.5	2	2689.0	0	2690.0	1
2691.5	1	2769.0	0	2774.5	1	2777.0	0
2894.5	0	2895.0	2	2899.5	0	2902.0	1
2968.0	2	3084.0	0	3084.5	2	3122.5	0
3197.0	0	3198.0	1	3198.5	0	3200.0	1
3201.5	1	3209.0	0	3209.5	2	3233.0	0
3313.0	0	3317.0	1	3351.5	0	3355.5	2
3436.0	1	3436.5	0	3437.0	1	3449.0	0
3613.5	0	3617.5	1	3619.5	0	3623.0	2
3689.0	1	3690.5	3	3741.5	1	3745.5	3
3779.5	3	3781.5	1	3790.0	0	3794.5	1

Figure 4 Lechmere to Science Park Data (cont'd)

FROM - LECHMERE TO - SCIENCE PARK RIGHT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
48.0	3	-1.030	154.0	3	-1.021	165.5	4	1.111
191.0	4	0.925	283.5	4	0.768	347.5	3	-1.008
772.0	3	-0.778	3690.5	3	-0.789	3745.5	3	-0.840
3779.5	3	-1.031						

Figure 4 Lechmere to Science Park Data (cont'd)

Figure 4 Lechmere to Science Park Data (cont'd)

FROM - LECHMERE TO - SCIENCE PARK RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	
4	99.00	0.75	3	11.0	
2	0.75	0.25	65	167.5	
0	0.25	-0.25	129	3190.5	
1	-0.25	-0.75	74	380.5	
3	-0.75	-99.00	7	50.5	

FROM - SCIENCE PARK
TO - NORTH STATION
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
18.5	0	19.0	1	29.0	0	30.0	1
71.5	2	75.5	0	79.5	1	104.0	0
118.0	0	121.0	1	227.5	0	228.0	1
229.5	1	327.0	0	327.5	1	341.5	0
421.0	0	425.0	1	429.5	0	432.0	2
438.5	1	454.5	0	461.0	1	465.5	0
494.5	0	495.5	2	536.5	0	538.5	2
555.5	1	591.5	0	594.0	1	636.0	0
640.5	0	644.5	1	645.0	0	645.5	1
646.5	2	654.5	0	659.0	1	751.5	0
910.0	0	912.5	2	923.0	0	929.0	1
961.5	1	1037.0	0	1040.5	1	1056.5	0
1062.0	3	1062.5	1	1063.0	0	1064.0	2
1068.0	2	1071.5	0	1079.5	1	1089.5	0
1101.0	0	1110.5	1	1136.0	0	1147.5	1
1162.5	1	1163.0	0	1163.5	1	1169.5	0
1189.0	0	1195.5	1	1222.5	0	1229.0	1
1230.0	1	1234.0	0	1240.0	1	1257.5	0
1258.5	0	1261.5	1	1262.5	0	1263.0	1
1265.0	1	1265.5	0	1278.0	1	1288.5	0
1289.5	0	1293.0	1	1304.5	0	1317.0	1
1327.0	1	1327.5	0	1328.0	1	1332.0	0
1341.0	0	1342.0	1	1357.0	0	1359.5	1
1361.0	1	1365.0	0	1365.5	1	1366.0	0
1391.0	0	1391.5	1	1392.0	0	1392.5	1
1411.5	1	1418.0	0	1421.5	1	1427.0	0
1433.5	0	1437.5	1	1438.0	0	1438.5	1
1460.5	1	1489.0	0	1489.5	1	1518.5	0
1522.5	0	1523.0	1	1532.5	0	1533.5	2

Figure 5 Science Park to North Station Data

FROM - SCIENCE PARK
TO - NORTH STATION
LEFT PROFILE

FEET	ZONE								
1540.5	1	1646.0	0	1649.0	2	1695.0	0	1696.0	1
1737.0	0	1740.5	1	1742.0	0	1745.5	2	1747.5	0
1752.0	1	1754.5	0	1757.5	2	1764.0	0	1766.0	1
1769.0	0	1769.5	2	1772.0	0	1774.0	1	1776.0	3
1779.0	1	1788.5	0	1793.5	2	1797.5	0	1805.5	1
1806.5	0	1807.5	2	1812.0	4	1812.5	2	1813.5	0
1814.5	1	1815.0	3	1818.5	1	1831.5	0	1836.5	1
1870.5	0	1872.0	1	1873.0	0	1873.5	1	1906.5	0
1915.0	1	1918.0	0	1922.0	2	1943.5	0	1948.0	1
2004.5	0	2006.5	1	2027.0	0	2030.0	1	2031.5	3
2035.0	1	2040.0	0	2045.0	2	2046.0	0	2048.5	1
2071.5	0	2076.0	1	2087.0	0	2091.5	1	2150.5	0
2152.0	1	2168.0	0	2191.5	2	2193.5	0	2195.0	1
2198.5	3	2200.5	1	2209.5	0	2214.5	1	2215.0	0
2218.5	2	2219.0	4	2221.0	2	2222.0	4	2223.0	2
2224.0	0	2224.5	2	2225.5	0	2227.5	1	2228.0	0
2228.5	1	2234.5	0	2239.5	1	2257.0	0	2261.0	1
2268.0	0	2269.5	1	2270.0	0	2271.0	1	2272.0	0
2272.5	2	2275.0	0	2275.5	1	2279.5	0	2280.5	2
2284.5	0	2285.5	1	2287.0	0	2288.5	1	2298.5	0
2300.5	1	2305.5	3	2311.0	1	2313.0	0	2329.0	1
2334.5	3	2336.5	1	2339.0	0	2366.5	1	2369.0	3
2371.0	1	2377.0	0	2388.0	1	2391.5	0	2397.5	1
2399.5	3	2400.0	1	2400.5	3	2401.5	1	2409.0	3
2430.0	1	2432.5	3	2437.0	1	2438.5	0	2442.0	1
2446.0	3	2453.0	1	2457.5	0	2460.5	1	2466.5	3
2475.5	1	2477.5	0	2480.0	1	2483.5	3	2484.5	1
2485.0	3	2494.5	1	2496.0	3	2496.5	1	2502.0	3
2505.5	1	2511.0	0	2520.5	1	2523.5	3	2534.0	1

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK
TO - NORTH STATION
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2538.5	0	2544.5	1	2549.5	3	2568.5	1
2582.0	1	2587.0	3	2589.0	1	2595.0	0
2612.5	0	2617.5	1	2619.0	3	2622.0	1
2636.5	2	2639.0	0	2645.0	1	2650.0	0
2656.0	0	2660.0	1	2669.5	0	2676.0	1
2685.0	2	2690.5	0	2697.0	1	2720.5	0
2772.0	0	2777.5	1	2835.5	0	2838.0	1
2839.0	1	2848.5	0	2858.0	1	2868.0	0
2888.0	0	2888.5	1	2917.0	0	2921.0	2
2961.0	1	3017.0	0	3019.0	1	3020.5	0
3029.0	0	3030.0	2	3064.0	0	3068.5	1
3103.5	1	3134.0	0	3136.5	1	3138.5	3
3166.5	0	3172.5	1	3201.5	0	3203.0	1
3233.5	1	3234.0	0	3234.5	1	3236.0	0
3244.5	0	3246.5	2	3250.5	0	3255.0	1
3271.5	2	3274.5	0	3277.0	1	3277.5	0
3321.0	0	3323.0	2	3326.5	0	3327.5	1
3358.5	2	3359.5	0	3361.0	2	3383.5	0
3419.5	0	3424.0	2	3699.5	0	3702.0	2
3715.0	1	3729.5	0	3732.5	1	3774.0	0
3805.5	0	3808.5	1	3853.5	0	3855.0	1
3923.5	1	3924.0	0	3924.5	1	3960.5	0
3994.0	0	3996.5	1	3999.0	3	4002.0	1
4010.5	2	4014.0	0	4015.0	1	4041.0	0
4054.5	0	4056.5	2	4057.0	0	4059.0	1
4064.0	1	4073.5	0	4075.0	1	4078.5	0
4088.0	0	4091.5	1	4092.0	0	4093.5	1
4099.0	0	4100.5	0	4105.5	1	4112.5	0
4124.0	0	4128.0	2	4173.0	0	4173.5	1

Figure 5 Science Park to North Station Data (cont'd)

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK TO - NORTH STATION LEFT PROFILE			FROM - SCIENCE PARK TO - NORTH STATION RIGHT PROFILE		
FEET	ZONE	FEET	ZONE	FEET	ZONE
4175.0	1	4176.5	1	4185.5	1
4209.5	0	4221.5	0	4222.5	0
4229.5	1	4231.5	0	4234.0	0
4242.0	0	4244.0	1	4246.0	1
4269.0	1	4269.5	0	4271.0	0
4283.5	0	4284.5	1	4285.0	0
4313.5	1	4337.5	0	4338.5	1
4357.5	0	4359.0	2	4360.5	0
4368.5	2	4385.5	0	4389.0	1
4394.0	0	4394.5	1	4395.0	0
4396.5	1	4397.0	0	4397.5	1
4432.5	0	4446.5	1	4447.5	0
4455.5	1	4489.5	0	4495.0	1
4502.0	0	4505.5	1	4547.0	0
4567.5	2	4568.5	0	4573.0	2
4604.5	0	4605.0	1	4605.5	0
4621.5	1	4681.5	0	4685.5	2
4721.5	0	4723.0	2	4727.0	0
4728.5	1	4761.5	0	4762.0	2
				4792.5	0
					4795.5

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FROM - SCIENCE PARK

TO - NORTH STATION

LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1062.0	3	-1.115	1067.0	4	0.854	1776.0	3	-0.866
1812.0	4	1.057	1815.0	3	-0.826	2031.5	3	-0.789
2198.5	3	-1.089	2219.0	4	0.836	2222.0	4	0.815
2305.5	3	-0.952	2334.5	3	-1.108	2369.0	3	-0.893
2399.5	3	-0.855	2400.5	3	-0.762	2409.0	3	-0.933
2432.5	3	-0.800	2446.0	3	-0.910	2466.5	3	-0.912
2483.5	3	-1.054	2485.0	3	-0.763	2496.0	3	-0.760
2502.0	3	-0.873	2523.5	3	-0.822	2549.5	3	-1.031
2587.0	3	-1.102	2619.0	3	-0.816	3138.5	3	-0.910
3999.0	3	-1.011	4062.0	3	-1.106	4389.5	3	-0.821

Figure 5 Science Park to North Station Data (cont'd)

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK TO - NORTH STATION LEFT PROFILE				
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	4	9.0
2	0.75	0.25	56	131.5
0	0.25	-0.25	235	3762.5
1	-0.25	-0.75	209	816.0
3	-0.75	-99.00	26	81.0

FROM - SCIENCE PARK
TO - NORTH STATION
RIGHT PROFILE

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FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3.0	0	5.5	2	71.0	0	71.5	2
141.0	1	147.0	0	147.5	2	198.5	0
208.5	0	209.0	2	210.0	0	210.5	2
317.0	2	320.5	0	322.5	1	356.0	0
361.0	0	364.0	1	458.0	0	459.5	1
476.5	1	486.5	0	491.5	2	495.0	0
526.5	0	529.5	2	538.0	0	540.0	2
552.5	1	602.0	0	602.5	2	604.0	0
605.0	0	606.0	2	624.0	0	624.5	2
633.0	1	633.5	0	634.5	1	712.0	0
720.0	0	721.5	2	837.5	0	838.0	2
845.0	1	910.0	0	911.0	2	1027.0	0
1065.5	0	1069.0	2	1140.0	0	1140.5	1
1143.0	1	1143.5	0	1144.5	1	1152.5	0
1176.0	0	1179.5	1	1256.0	0	1260.5	1
1299.0	2	1377.0	0	1380.0	1	1392.5	0
1556.5	0	1561.0	1	1562.5	0	1566.0	2
1632.0	1	1633.5	0	1684.5	1	1688.5	3
1722.5	3	1724.5	1	1733.5	0	1744.0	1
1745.0	1	1745.5	0	1746.0	1	1747.0	0
1749.0	3	1752.0	1	1752.5	0	1756.5	2
1768.0	1	1771.5	0	1774.0	1	1780.0	3
1790.0	0	1800.0	1	1805.0	0	1808.0	1
1836.5	1	1837.5	0	1844.5	1	1845.5	0
1867.5	0	1868.0	1	1870.0	0	1885.0	1
1906.0	1	1907.5	0	1911.0	1	1918.5	0
1952.0	0	1952.5	1	2022.0	0	2025.5	1
2048.0	2	2055.5	0	2061.5	1	2068.0	0
2078.5	0	2079.5	1	2080.0	0	2080.5	1

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK
TO - NORTH STATION
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2096.5	2	2182.0	0	2182.5	2	2183.0	0
2193.0	0	2195.0	1	2199.0	3	2201.0	1
2220.0	2	2222.5	4	2224.5	2	2229.5	0
2249.0	0	2253.0	1	2261.5	0	2263.0	1
2282.5	1	2291.5	0	2297.0	2	2310.0	0
2326.5	0	2328.0	2	2331.5	0	2335.0	1
2360.5	1	2371.0	0	2375.0	2	2404.5	0
2424.0	0	2426.0	1	2436.0	0	2441.5	2
2449.5	1	2454.0	0	2454.5	2	2455.0	0
2477.5	0	2479.5	2	2484.0	0	2486.0	1
2495.0	1	2506.0	0	2509.0	2	2532.0	0
2560.5	0	2565.0	1	2567.5	0	2572.5	2
2585.5	1	2599.5	0	2604.0	2	2613.0	0
2628.0	0	2631.5	2	2638.0	0	2644.0	1
2652.5	2	2691.5	0	2698.0	1	2704.0	0
2729.5	0	2734.0	2	2821.5	0	2822.0	2
2833.5	1	2836.0	0	2836.5	2	2838.0	0
2849.5	0	2854.5	1	2855.0	0	2856.0	1
2884.5	2	2886.5	0	2888.5	1	2889.5	3
2979.0	0	2979.5	2	2993.0	0	2993.5	2
3006.5	1	3035.5	0	3043.0	1	3047.0	0
3060.5	0	3061.0	1	3094.5	0	3099.5	2
3105.0	1	3120.0	0	3125.0	2	3131.5	0
3141.5	3	3150.0	1	3154.0	3	3155.5	1
3197.5	1	3210.5	3	3213.0	1	3241.5	3
3295.0	3	3301.0	1	3307.5	3	3308.0	1
3318.5	1	3331.5	0	3336.0	2	3337.0	0
3359.0	0	3363.0	2	3389.5	0	3394.5	2
3423.5	2	3433.0	0	3434.5	2	3547.5	0

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK
TO - NORTH STATION
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3697.5	0	3700.5	2	3815.5	0	3816.0	2
3861.0	2	3881.0	0	3883.5	1	3961.5	0
3996.5	0	4002.0	1	4007.5	0	4012.0	1
4024.0	2	4032.0	0	4037.5	1	4040.0	0
4049.5	0	4051.5	2	4058.0	0	4061.0	1
4065.5	1	4121.0	0	4122.5	1	4125.5	0
4149.5	0	4157.0	1	4161.5	0	4183.5	1
4227.0	1	4231.5	3	4256.5	1	4258.5	3
4278.0	3	4298.0	1	4301.0	0	4305.0	1
4315.5	1	4329.0	0	4332.5	1	4337.0	0
4342.0	0	4346.0	1	4378.0	0	4380.5	2
4397.5	1	4400.5	0	4410.0	2	4472.5	0
4477.0	4	4480.5	2	4483.0	0	4484.0	1
4489.0	1	4490.5	0	4493.5	2	4505.0	0
4513.0	3	4513.5	1	4517.0	3	4539.5	1
4540.5	1	4553.5	3	4597.0	1	4600.5	0
4604.5	4	4605.5	2	4610.5	1	4673.5	0
4684.0	0	4694.0	1	4761.0	0	4764.0	1
4772.0	2	4788.5	0	4795.0	2		

Figure 5 Science Park to North Station Data (cont'd)

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FROM - SCIENCE PARK
TO - NORTH STATION
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1633.5	3	-0.787	1688.5	3	-0.838	1722.5	3	-1.023
1749.0	3	-0.834	1780.0	3	-1.019	1805.0	3	-1.021
1837.5	3	-0.807	1907.5	3	-0.811	2199.0	3	-1.028
2222.5	4	0.869	2889.5	3	-0.842	3141.5	3	-0.789
3154.0	3	-0.818	3196.5	3	-1.024	3210.5	3	-1.024
3241.5	3	-1.023	3295.0	3	-1.025	3307.5	3	-0.919
3308.5	3	-0.755	4063.0	3	-0.937	4231.5	3	-0.872
4258.5	3	-0.779	4278.0	3	-1.022	4477.0	4	0.753
4468.5	3	-1.029	4513.0	3	-0.751	4517.0	3	-0.832
4540.0	3	-0.757	4553.5	3	-0.916	4604.5	4	0.853

Figure 5 Science Park to North Station Data (cont'd)

FROM - SCIENCE PARK
TO - NORTH STATION
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	3	6.5
2	0.75	0.25	80	208.0
0	0.25	-0.25	161	3642.5
1	-0.25	-0.75	112	730.5
	-0.75	-99.00	27	212.5

Figure 5 Science Park to North Station Data (cont'd)



FROM - NORTH STATION
TO - HAYMARKET
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
9.5	0	111.5	1	16.5	3	22.0	1
40.0	1	45.5	3	47.5	1	50.0	0
80.0	3	82.0	1	88.0	0	99.0	1
108.5	1	110.5	3	111.0	1	111.5	3
120.0	3	141.0	1	143.5	3	148.0	1
153.0	1	157.0	3	164.0	1	168.5	0
177.5	3	186.5	1	188.5	0	191.0	1
195.5	1	196.0	3	205.5	1	213.0	3
222.0	0	231.5	1	234.5	3	245.0	1
255.5	1	260.5	3	279.5	1	281.0	0
298.0	3	300.0	1	305.5	0	314.5	1
328.5	1	330.0	3	333.0	1	345.0	0
350.0	0	356.0	1	361.0	0	366.0	2
371.0	1	380.5	0	387.0	1	395.5	0
401.5	0	408.0	1	431.5	0	434.5	1
488.5	1	546.5	0	550.0	1	559.5	0
579.0	0	580.5	2	599.0	0	599.5	1
632.0	2	668.5	0	672.0	1	728.0	0
731.5	0	732.0	1	740.0	0	741.0	2
779.5	1	812.5	0	814.5	1	845.0	0
849.5	3	852.5	1	877.5	0	883.5	1
914.0	1	934.5	0	944.5	1	945.0	0
947.0	0	952.0	1	955.5	0	957.5	2
966.0	1	979.5	0	982.5	2	985.5	0
988.5	0	996.5	1	1032.5	0	1034.0	2
1038.5	1	1068.5	0	1069.5	2	1070.5	0
1094.5	0	1097.0	2	1130.5	0	1135.0	2
1413.0	2	1425.0	0	1426.0	1	1440.5	0
1485.0	0	1488.0	1	1516.5	0	1519.5	0

Figure 6 North Station to Haymarket Data

FROM - NORTH STATION TO - HAYMARKET LEFT PROFILE				FROM - NORTH STATION TO - HAYMARKET RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1567.0	1	1634.0	1	1634.5	0	1635.0	1
1671.5	0	1676.5	1	1705.0	0	1707.5	1
1713.0	1	1716.5	0	1721.5	2	1725.0	0
1752.0	0	1753.0	2	1765.5	0	1767.5	2
1770.0	1	1773.0	3	1775.0	1	1784.5	0
1789.5	0	1794.0	2	1799.0	0	1802.5	1
1804.5	1	1807.0	0	1810.0	2	1811.5	0
1823.5	0	1829.5	1	1835.0	0	1839.0	2
1884.5	1	1885.0	0	1885.0	1	1887.0	0
1896.5	0	1898.5	1	1920.5	0	1932.0	1
1933.5	1	1935.0	0	1940.5	1	1942.5	0
1945.0	0	1947.5	1	1953.0	0	1955.0	1
1957.0	1	1972.0	0	1980.0	1	1980.5	0
1983.0	0	1983.5	1	1994.5	0	1995.5	1
2003.0	1	2017.0	0	2024.5	1	2048.5	0
2054.0	0	2054.5	2	2068.5	0	2070.0	2
2075.0	1	2076.0	0	2079.5	2	2095.5	0
2100.5	2	2104.5	1	2105.0	0	2105.5	1
2106.5	1	2107.0	0	2107.5	1	2108.0	0
2126.0	0	2137.5	1	2143.5	0	2157.5	1
2161.0	1	2164.0	0	2166.5	1	2200.5	0
2207.5	0	2211.5	2	2213.0	0	2216.5	1
2262.5	1	2277.0	0	2278.5	2	2279.5	0
2289.5	0	2299.0	1	2315.5	0	2316.0	1
2325.0	1	2329.5	0	2332.5	1	2392.5	0
2399.0	0	2406.5	1	2432.5	0	2454.0	2
2438.5	1	2439.0	0	2439.5	1	2472.5	0
2503.5	0	2506.5	1	2558.5	0	2561.5	1
2592.0	2	2594.0	0	2598.0	1	2599.5	1

Figure 6 North Station to Haymarket Data (cont'd)

FROM - NORTH STATION
 TO - HAYMARKET
 LEFT PROFILE

FEET	ZONE								
2601.0	0	2601.5	2	2603.5	0	2604.5	2	2606.0	0
2610.5	2	2611.5	0	2613.5	1	2614.5	3	2618.5	1
2624.0	0	2626.5	1	2628.5	0	2630.0	2	2633.5	0
2634.5	1	2636.5	0	2639.5	2	2641.5	0	2646.5	1
2651.5	0	2656.0	1	2662.5	0	2665.5	1	2699.5	0
2701.5	2	2703.0	0	2703.5	2	2706.0	0	2706.5	2
								2715.0	0
								2723.5	2
								2729.0	2
								2739.0	2
								2765.5	

Figure 6 North Station to Haymarket Data (cont'd)

Figure 6 North Station to Haymarket Data (cont'd)

FROM - NORTH STATION TO - HAYMARKET LEFT PROFILE				FEET ZONE MAX MAGNITUDE				FEET ZONE MAX MAGNITUDE			
FEET	ZONE	MAX MAGNITUDE		FEET	ZONE	MAX MAGNITUDE		FEET	ZONE	MAX MAGNITUDE	
16.5	3	-0.954		45.5	3	-1.109		80.0	3	-0.893	
110.5	3	-0.857		111.5	3	-0.762		120.0	3	-0.932	
143.5	3	-0.802		157.0	3	-0.912		177.5	3	-0.911	
194.5	3	-1.056		196.0	3	-0.761		213.0	3	-0.874	
234.5	3	-0.823		260.5	3	-1.033		298.0	3	-1.103	
330.0	3	-0.815		849.5	3	-0.912		1710.5	3	-1.013	
1773.0	3	-1.106		2100.5	3	-0.823		2614.5	3	-0.799	
2707.0	4	1.230		2712.5	3	-1.329		2713.5	4	1.260	
2725.0	4	1.326		2726.5	3	-0.977		2728.5	4	1.540	
2736.0	3	-1.530		2738.5	4	1.373		2763.0	4	1.306	
2767.5	3	-0.849									

Figure 6 North Station to Haymarket Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
				6 14.5
4	99.00	8.75	6	14.5
2	0.75	0.25	46	113.0
0	0.25	-0.25	146	2014.0
1	-0.25	-0.75	126	541.5
3	-0.75	-99.00	25	117.0

FROM - NORTH STATION
TO - HAYMARKET
LEFT PROFILE



FROM - NORTH STATION
 TO - HAYMARKET
 RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2.5	0	8.0	2	21.0	0	25.5	1
39.0	2	42.5	0	46.0	1	68.0	0
82.0	0	86.0	2	115.5	0	121.5	1
137.0	1	147.0	0	152.5	2	156.0	0
165.0	0	165.5	2	166.0	0	167.0	2
190.5	2	195.0	0	197.0	1	205.5	0
217.0	0	220.0	2	243.0	0	244.0	2
276.0	1	278.5	0	283.5	2	291.0	0
310.5	0	315.0	2	324.0	0	331.0	1
342.5	2	349.0	0	355.0	1	358.5	0
402.5	0	409.0	1	415.0	0	417.5	2
445.0	2	544.0	0	544.5	1	547.0	0
549.0	0	549.5	2	560.5	0	565.5	1
567.0	1	589.5	0	595.5	2	597.5	0
600.5	3	604.0	1	690.0	0	690.5	2
704.5	2	716.0	0	717.5	1	746.5	0
758.0	0	767.0	2	771.5	0	772.0	1
810.5	2	815.0	0	816.0	1	831.0	0
842.5	0	850.0	1	852.5	3	861.0	1
866.5	1	907.5	3	908.5	1	921.5	3
952.5	3	957.0	1	1006.0	3	1012.0	1
1019.0	1	1019.5	3	1029.5	1	1042.5	0
1048.0	0	1052.0	1	1070.0	0	1074.0	2
1105.5	2	1130.5	0	1134.5	2	1144.0	0
1258.5	0	1260.5	2	1408.5	0	1411.5	2
1527.0	2	1564.0	0	1572.0	2	1592.0	0
1672.5	0	1678.5	1	1707.5	0	1713.0	1
1723.0	1	1730.5	0	1735.0	2	1743.0	0
1751.0	0	1756.5	2	1760.5	1	1762.5	2

Figure 6 North Station to Haymarket Data (cont'd)

FROM - NORTH STATION
TO - HAYMARKET
RIGHT PROFILE

PAGE A 2

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1772.5	1	1774.0	3	1776.5	1	1832.0	0
1836.5	0	1841.0	0	1860.5	0	1868.0	1
1894.5	1	1898.5	0	1938.0	1	1942.5	3
1969.5	3	1982.5	1	1989.0	3	2009.0	1
2016.0	1	2019.5	0	2026.5	1	2040.0	0
2048.0	0	2051.5	2	2053.0	0	2057.0	1
2091.5	2	2100.5	0	2108.5	1	2111.5	0
2183.5	0	2187.5	2	2188.0	4	2191.5	2
2195.0	1	2199.5	3	2200.0	1	2201.5	0
2216.0	0	2224.5	1	2228.0	3	2250.5	1
2261.5	1	2264.5	3	2308.0	1	2311.5	0
2315.5	4	2316.5	2	2321.5	1	2384.5	0
2395.0	0	2405.0	1	2472.0	0	2475.0	1
2483.0	2	2499.5	0	2506.0	1	2516.0	0
2526.0	0	2527.0	1	2584.5	0	2590.0	2
2599.5	1	2615.5	0	2622.5	1	2627.0	0
2631.5	0	2634.5	2	2640.5	0	2642.5	1
2650.5	1	2664.5	0	2679.0	1	2686.5	0
2705.5	3	2706.5	4	2707.0	1	2707.5	4
2712.0	1	2712.5	4	2713.0	0	2713.5	2
2722.5	3	2725.0	4	2725.5	2	2727.0	3
2731.0	0	2732.0	4	2732.5	2	2737.5	3
2747.5	4	2748.0	2	2749.0	0	2750.0	1
2755.5	1	2761.5	4	2762.5	2	2764.5	0
2789.5	3	2790.0	1	2790.5	2	2794.5	0
2798.5	0						

Figure 6 North Station to Haymarket Data (cont'd)

PAGE B 1

FROM - NORTH STATION
TO - HAYMARKET
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
600.5	3	-0.842	852.5	3	-0.789	865.0	3	-0.821
907.5	3	-1.025	921.5	3	-1.025	952.5	3	-1.024
1006.0	3	-1.025	1018.5	3	-0.920	1019.5	3	-0.756
11774.0	3	-0.940	1942.5	3	-0.872	1969.5	3	-0.779
1989.0	3	-1.023	2188.0	4	0.753	2199.5	3	-1.029
2228.0	3	-0.834	2251.0	3	-0.757	2264.5	3	-0.916
2315.5	4	0.853	2705.5	3	-1.025	2706.5	4	1.257
2707.5	4	1.359	2711.5	3	-1.342	2712.5	4	1.318
2714.5	4	1.312	2722.5	3	-1.026	2725.0	4	1.314
2727.0	3	-1.585	2732.0	4	1.375	2737.5	3	-1.524
2747.5	4	1.434	2755.0	3	-1.347	2761.5	4	1.472
2789.5	3	-1.355	2794.5	4	1.395			

Figure 6 North Station to Haymarket Data (cont'd)

Figure 6 North Station to Haymarket Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	
				FROM - NORTH STATION	TO - HAYMARKET
4	99.00	0.75	11	30.0	
2	0.75	0.25	57	184.0	
0	0.25	-0.25	103	1887.5	
1	-0.25	-0.75	76	456.0	
3	-0.75	-99.00	24	242.5	

FROM - HAYMARKET
TO - GOVERNMENT CENTER
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
15.0	0	20.0	1	22.0	0	26.0	2
31.0	1	44.5	0	46.0	1	72.0	0
92.0	0	93.0	2	94.5	0	97.5	2
98.5	2	104.0	0	113.5	1	130.0	0
131.0	0	139.5	1	144.0	0	147.0	1
211.0	2	213.5	0	221.0	1	247.0	0
252.5	0	254.0	1	317.5	0	321.0	1
375.5	1	402.5	0	406.5	2	408.5	0
411.0	3	414.0	1	415.5	0	416.0	2
419.0	2	420.5	0	424.5	2	425.0	0
429.5	3	433.0	1	438.5	0	441.5	1
444.0	2	447.5	0	448.0	1	448.5	3
451.0	0	454.0	2	456.0	0	456.5	3
465.5	0	470.5	1	477.0	0	479.5	1
514.5	2	515.0	0	516.0	2	538.0	0
551.0	0	552.0	1	552.5	0	559.5	1
574.0	1	575.0	0	576.0	1	589.0	0
592.5	0	593.0	1	611.5	0	617.5	1
652.5	1	657.0	0	662.0	2	674.0	0
729.0	0	799.5	1	800.0	0	800.5	1
837.0	1	877.5	0	878.5	1	879.0	0
883.0	0	883.5	2	884.0	4	888.5	2
890.5	2	892.0	0	894.0	1	894.5	0
902.0	0	902.5	2	998.0	0	1006.5	1
1063.0	1	1090.0	0	1096.0	1	1118.0	0
1127.5	0	1131.5	2	1133.5	0	1134.0	1
1138.5	1	1140.0	0	1146.5	2	1149.5	0
1154.0	0	1157.5	2	1159.0	0	1161.0	1
1165.5	5	1166.0	0	1168.0	1	1170.5	3

Figure 7 Haymarket to Government Center Data

FROM - HAYMARKET				TO - GOVERNMENT CENTER			
LEFT PROFILE				RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1192.0	3	1195.0	1	1196.0	3	1196.5	1
1227.0	1	1231.5	3	1237.5	1	1248.5	3
1272.0	3	1275.0	1	1280.0	3	1288.5	1
1300.0	1	1300.5	0	1306.5	1	1308.5	3
1337.5	0	1345.0	1	1347.0	0	1347.5	1
1366.5	2	1367.0	0	1368.5	2	1370.0	0
1372.0	0	1374.0	1	1397.5	0	1400.5	1
1410.5	2	1434.5	0	1436.0	1	1436.5	0
1452.5	0	1457.5	2	1469.5	0	1470.0	2
1479.0	1	1481.5	0	1482.5	2	1494.0	0
1496.0	0	1498.5	1	1500.0	0	1500.5	1
1503.5	2	1504.0	0	1507.0	2	1509.5	0
1511.0	0	1514.0	1	1514.5	0	1520.0	1
1574.5	1	1575.0	0	1577.0	1	1591.0	0
1619.5	0	1624.5	2	1629.0	0	1629.5	1
1633.0	1	1635.5	0	1637.0	1	1637.5	0
1641.0	0	1645.5	2	1706.0	0	1709.5	1
1744.0	1	1747.0	0	1748.5	1	1790.5	0
1798.0	0						2

PAGE A 2

Figure 7 Haymarket to Government Center Data (cont'd)

Figure 7 Haymarket to Government Center Data (cont'd)

FROM - HAYMARKET TO - GOVERNMENT CENTER LEFT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
411.0	3	-0.761	429.5	3	-0.801	448.5	3	-0.751
456.5	3	-0.776	879.0	3	-1.006	884.0	4	0.964
1136.5	3	-1.031	1170.5	3	-0.859	1192.0	3	-1.021
1196.0	3	-0.782	1204.5	3	-1.110	1231.5	3	-0.911
1248.5	3	-1.052	1272.0	3	-1.087	1280.0	3	-0.867
1308.5	3	-0.824						

Figure 7 Haymarket to Government Center Data (cont'd)

PAGE C 1

FROM - HAYMARKET
TO - GOVERNMENT CENTER
LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	9.75	1	0.5
2	0.75	0.25	35	90.0
0	0.25	-0.25	103	1356.0
1	-0.25	-0.75	82	284.0
3	-0.75	-99.00	15	69.5

FROM - HAYMARKET
TO - GOVERNMENT CENTER
RIGHT PROFILE

PAGE A 1

FEET	ZONE								
6.0	2	8.5	0	9.5	1	14.0	3	14.5	1
16.0	0	19.0	2	30.5	0	38.0	1	42.5	3
65.0	1	79.0	3	122.5	1	125.5	0	126.0	2
130.0	4	130.5	2	131.0	0	136.0	1	199.0	0
201.0	2	209.5	0	219.5	1	286.0	0	289.5	1
293.5	0	297.5	2	314.0	0	320.5	1	330.5	0
335.5	2	340.5	0	341.5	1	399.0	0	404.5	2
409.0	0	414.0	1	430.0	0	437.0	1	441.5	0
443.5	1	446.0	0	449.0	2	454.5	0	457.0	1
461.5	0	464.5	1	479.0	0	493.0	1	501.0	0
507.5	1	545.5	3	552.5	1	555.5	3	558.5	1
559.0	3	559.5	1	568.5	3	571.5	1	579.0	3
599.0	1	605.0	0	615.0	1	629.0	0	634.0	2
635.0	0	639.5	1	648.5	0	651.5	1	652.0	3
654.0	1	656.0	0	652.0	2	683.0	0	689.0	1
737.0	0	740.5	2	790.0	0	790.5	1	791.0	0
792.5	1	829.0	0	837.5	1	870.0	0	874.5	1
892.5	0	893.0	2	919.5	0	921.5	2	998.0	0
1001.0	1	1039.5	0	1040.0	2	1052.5	0	1055.0	1
1057.5	3	1060.0	1	1090.5	0	1096.5	1	1126.5	0
1131.5	1	1143.5	0	1146.5	2	1147.0	0	1148.0	2
1159.5	0	1160.5	2	1161.0	0	1161.5	2	1173.0	0
1174.0	1	1178.0	0	1180.0	2	1183.0	0	1186.0	1
1186.5	0	1187.0	1	1206.0	0	1207.0	2	1215.5	0
1219.5	1	1241.0	0	1243.0	1	1243.5	0	1244.0	1
1245.0	0	1246.0	1	1246.5	0	1250.5	1	1322.5	0
1326.0	2	1359.0	0	1364.0	1	1367.5	0	1369.0	2
1415.5	0	1418.0	2	1491.0	0	1513.0	1	1518.5	2
1573.5	1	1580.0	0	1598.0	3	1605.5	1	1613.0	0

Figure 7 Haymarket to Government Center Data (cont'd)

Figure 7 Haymarket to Government Center Data (cont'd)

FROM - HAYMARKET TO - GOVERNMENT CENTER RIGHT PROFILE				PAGE A 2			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1617.5	3	1637.5	1	1663.0	0	1665.0	1
1677.0	1	1709.5	0	1710.0	1	1724.0	0
1747.0	0	1750.5	1	1751.5	0	1752.0	1
1776.0	1	1785.5	0	1790.0	1	1791.0	0
						1672.0	0
						1728.5	1
						1771.0	0

PAGE E 1

FROM - HAYMARKET
TO - GOVERNMENT CENTER
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
14.0	3	-1.039	42.5	3	-0.828	79.0	3	-0.909
130.0	4	0.847	545.5	3	-1.030	555.5	3	-0.791
559.0	3	-0.768	568.5	3	-1.000	579.0	3	-1.027
652.0	3	-0.766	1057.5	3	-0.894	1518.5	3	-0.837
1580.0	3	-0.889	1605.5	3	-0.865	1617.5	3	-0.885

Figure 7 Haymarket to Government Center Data (cont'd)

Figure 7 Haymarket to Government Center Data (cont'd)

PAGE C 1

FROM - HAYMARKET
TO - GOVERNMENT CENTER
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	1	4.0
	0.75	0.25	24	63.0
2	0.25	-0.25	66	1222.0
	0	-0.25	58	403.0
0	-0.25	-0.75	14	108.0
1	-0.75	-99.00		
3				

FROM - GOVERNMENT CENTER
TO - PARK
LEFT PROFILE

PAGE A 1

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2.0	0	6.0	2	7.0	0	9.0	1
13.5	2	14.0	0	15.5	1	18.5	3
40.0	3	43.0	1	44.0	3	44.5	1
75.0	1	80.0	3	86.0	1	96.5	3
120.0	3	123.0	1	128.0	3	136.5	1
148.0	1	148.5	0	154.5	1	156.5	3
185.5	0	194.0	1	195.0	0	195.5	1
214.5	2	215.0	0	216.5	2	218.5	0
220.5	0	222.0	1	245.5	0	248.5	1
258.5	2	282.5	0	284.0	1	284.5	0
300.5	0	305.5	2	317.5	0	318.0	2
327.0	1	330.0	0	330.5	2	341.0	0
342.0	0	342.5	1	344.0	0	347.0	1
348.5	1	351.0	0	351.5	2	352.0	0
354.5	0	355.0	2	357.5	0	358.5	1
362.0	1	362.5	0	368.0	1	422.0	0
423.0	0	425.5	1	439.0	0	440.0	2
472.5	2	477.0	0	478.0	1	479.5	0
483.5	0	486.0	1	489.0	0	493.5	2
557.5	1	589.5	0	592.0	1	595.0	0
639.0	0	641.5	2	646.0	0	649.5	1
671.5	1	676.0	0	677.5	1	692.5	0
784.0	0	790.0	1	792.5	0	794.5	2
810.5	1	821.5	0	822.0	2	823.0	0
938.0	0	941.5	1	977.5	0	982.5	1
1010.0	1	1010.5	0	1011.0	1	1031.0	0
1149.5	0	1151.0	1	1151.5	0	1152.0	1
1160.0	2	1160.5	0	1161.5	2	1230.0	0
1244.0	1	1245.5	0	1250.0	1	1266.5	0

Figure 8 Government Center to Park Data

FROM - GOVERNMENT CENTER
 TO - PARK
 LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1277.5	1	1285.5	0	1286.0	1	1293.5	0
1308.5	0	1313.0	1	1331.5	0	1336.0	1
1340.0	2	1341.0	4	1341.5	2	1342.5	0
1368.0	0	1373.0	1	1374.0	0	1377.5	2
1409.0	1	1413.5	0	1425.0	1	1429.5	0
1438.5	0	1443.5	1	1453.0	0	1456.5	1
1465.0	2	1471.0	0	1473.0	1	1477.0	0
1509.5	0	1522.5	2	1529.5	0	1543.0	2
1556.5	2	1557.0	4	1557.5	2	1559.5	4
1561.0	4	1573.5	2	1579.0	0	1581.0	2
1584.5	2	1587.0	4	1587.5	2	1592.5	4
1594.0	0	1595.0	1	1597.0	3	1598.5	1
1604.0	2	1619.0	0	1619.5	2	1620.0	0
1625.0	0	1626.0	1	1627.5	0	1628.0	1
1630.0	1	1630.5	0	1632.5	1	1643.0	0
1650.5	0	1652.5	1	1662.0	3	1666.0	1
1685.5	1	1705.5	3	1709.0	1	1715.0	3
1726.5	3	1734.0	1	1740.5	3	1753.5	1
1768.0	1	1789.0	0	1794.0	1	1800.0	0
1824.5	0	1829.5	1	1852.5	0	1855.5	2
1857.5	2	1858.5	0	1859.5	2	1860.5	0
1862.5	0	1863.0	2	1871.5	0	1872.0	1
1903.0	2	1911.5	0	1912.5	1	1925.5	0
1931.5	0	1932.0	1	1937.5	0	1939.5	1
1941.0	1	2003.5	0	2008.5	1	2020.0	0
2042.0	0	2043.0	1	2048.0	0	2052.0	2
2062.0	2	2071.5	0	2077.5	1	2084.5	0
2087.0	0	2088.5	2	2101.0	0	2101.5	2
2120.5	1			2123.0	0		2140.0

Figure 8 Government Center to Park Data (cont'd)

Figure 8 Government Center to Park Data (cont'd)

FROM - GOVERNMENT CENTER			TO - PARK		
LEFT PROFILE			RIGHT PROFILE		
FEET	ZONE	FEET	ZONE	FEET	ZONE
2145.5	0	2149.0	1	2163.5	0
2174.5	2	2179.5	0	2180.5	2
2300.0	0	2303.0	2	2305.5	0
2318.5	1	2335.5	0	2336.5	1
2356.5	0	2361.5	1	2366.5	0
2370.5	2	2371.5	0	2372.5	1
2382.5	0	2384.0	1	2389.0	3
				2168.0	1
				2184.5	0
				2309.0	1
				2341.0	0
				2368.0	1
				2377.0	3
				2378.0	1
				2391.0	1
					0
				2171.0	0
				2187.0	1
				2318.0	0
				2345.5	2
				2369.5	0
				2378.0	1
				2397.5	0

Figure 8 Government Center to Park Data (cont'd)

FROM - GOVERNMENT CENTER TO - PARK LEFT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
18.5	3	-0.873	40.0	3	-1.020	44.0	3	-0.783
52.5	3	-1.112	80.0	3	-0.903	96.5	3	-1.064
120.0	3	-1.097	128.0	3	-0.885	156.5	3	-0.814
1341.0	4	0.802	1557.0	4	0.769	1559.5	4	0.849
1561.0	4	0.771	1584.0	4	0.597	1587.0	4	0.974
1592.5	4	1.099	1597.0	3	-0.836	1662.0	3	-1.109
1681.5	3	-1.107	1705.5	3	-1.065	1715.0	3	-0.972
1726.5	3	-1.062	1740.5	3	-0.942	1758.0	3	-0.822
2387.0	3	-1.113	2389.0	3	-1.119			

Figure 8 Government Center to Park Data (cont'd)

FROM - GOVERNMENT CENTER TO - PARK LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	7	14.5	
2	0.75	0.25	58	158.0	
0	0.25	-0.25	137	1703.5	
1	-0.25	-0.75	104	375.5	
3	-0.75	-99.00	19	148.5	

FROM - GOVERNMENT CENTER
TO - PARK
RIGHT PROFILE

PAGE A 1

FEET	ZONE								
7.5	0	8.5	2	9.0	0	9.5	2	21.0	0
22.0	1	26.0	0	28.0	2	31.0	0	34.0	1
34.5	0	35.0	1	54.0	0	55.0	2	64.0	0
67.5	1	89.0	0	92.0	1	93.0	0	94.0	1
94.5	0	98.5	1	171.0	0	174.0	2	207.5	0
212.5	1	215.5	0	217.0	2	263.5	0	266.5	2
339.0	0	361.0	1	366.5	3	421.5	1	428.0	3
446.0	1	453.5	3	461.0	1	464.5	3	465.0	1
466.0	3	485.5	1	511.5	0	513.0	1	520.0	0
525.0	1	572.0	0	576.5	1	595.0	0	598.5	1
599.5	0	600.0	1	619.0	0	624.0	1	633.5	0
639.0	1	653.5	0	658.0	2	658.5	0	663.5	1
666.0	0	670.0	1	702.0	0	705.5	2	717.0	0
717.5	1	718.0	0	718.5	1	806.0	0	809.5	1
838.5	0	839.0	1	850.5	0	854.5	1	858.0	0
863.0	1	866.5	0	870.5	1	871.5	3	875.5	1
877.5	0	894.5	1	908.5	0	925.0	1	934.5	0
945.5	1	961.5	0	965.5	2	966.5	0	968.5	1
970.5	3	973.0	1	1061.5	0	1064.5	2	1089.5	0
1092.0	2	1096.0	0	1099.0	1	1112.5	0	1116.5	2
1130.0	0	1135.5	1	1148.5	0	1155.5	1	1157.0	0
1158.0	2	1160.5	4	1162.5	2	1168.0	0	1181.5	1
1184.0	0	1195.5	1	1202.5	0	1229.0	1	1232.0	0
1235.5	1	1253.5	0	1257.0	1	1299.5	0	1300.0	1
1408.5	0	1411.5	2	1424.0	0	1427.5	1	1469.5	0
1497.0	1	1497.5	0	1501.0	1	1565.5	3	1569.0	1
1592.5	3	1595.5	1	1600.5	3	1624.5	1	1627.0	0
1631.5	1	1637.0	0	1639.5	1	1642.0	0	1648.0	4
1652.0	0	1652.5	0	1761.5	4	1762.0	0	1762.5	4

Figure 8 Government Center to Park Data (cont'd)

三

FROM - GOVERNMENT CENTER
TO - PARK EIGHT BREWELL

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
11770.0	2	1777.5	4	1782.0	2	1792.5	0	1794.5	1	1850.5	0
1800.0	0	1802.0	1	1830.5	0	1838.5	1	1850.5	0	2082.5	2
1858.0	2	1969.5	0	1972.0	1	2081.0	0	2298.5	0	2298.5	0
2104.0	0	2106.5	1	2185.0	0	2186.5	1	2354.5	1	2354.5	1
2304.0	1	2337.5	0	2346.0	2	2349.0	0	2367.0	2	2370.0	0
2355.5	0	2361.0	1	2364.5	0	2367.0	2	2397.0	0	2398.0	2
2371.0	1	2373.0	3	2375.0	1	2375.0	1	2399.0	0		

Figure 8 Government Center to Park Data (cont'd)

FROM - GOVERNMENT CENTER TO - PARK RIGHT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
366.5	3	-0.832	428.0	3	-0.898	453.5	3	-0.868
464.5	3	-0.879	466.0	3	-0.764	871.5	3	-0.769
970.5	3	-0.885	1160.5	4	0.824	1565.5	3	-1.025
1592.5	3	-1.024	1600.5	3	-1.026	1761.5	4	1.108
1762.5	4	0.754	1777.5	4	0.960	2373.0	3	-0.779

Figure 8 Government Center to Park Data (cont'd)

Figure 8 Government Center to Park Data (cont'd)

PAGE C 1

FROM - GOVERNMENT CENTER
TO - PARK
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	4	119.5
2	0.75	0.25	26	80.5
0	0.25	-0.25	76	1644.5
1	-0.25	-0.75	64	433.5
3	-0.75	-99.00	11	122.0

FROM - PARK
TO - BOYLSTON
LEFT PROFILE

	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3.5	4		4.0	2	5.0	0	6.0	1	7.5	3		
10.0	1	11.0	0	14.5	2	22.0	0	22.5	1			
30.0	0	32.5	2	36.0	0	37.0	1	38.5	0			
39.0	1	40.0	0	41.0	1	41.5	0	43.0	1			
48.5	0	49.0	1	53.5	0	57.0	2	61.0	0			
63.5	1	73.5	3	76.5	1	92.5	3	95.0	1			
110.0	3	113.0	1	131.0	3	138.0	1	145.0	3			
157.5	1	162.5	3	169.5	1	190.0	0	195.5	1			
201.0	0	206.5	1	218.0	0	218.5	2	226.0	0			
231.5	1	242.0	0	243.0	1	253.5	0	257.0	2			
258.0	0	258.5	2	259.5	0	261.0	2	261.5	0			
263.0	2	264.0	0	264.5	2	273.0	0	273.5	1			
303.5	0	304.0	2	311.0	0	311.5	1	313.0	0			
314.0	1	325.0	0	325.5	2	326.5	0	327.0	2			
333.0	0	333.5	1	338.5	0	341.0	1	341.5	0			
342.0	1	362.5	0	363.0	1	404.5	0	406.5	1			
407.0	0	409.5	1	415.0	0	415.5	1	421.0	0			
425.0	2	443.5	0	444.5	1	445.0	0	445.5	1			
449.0	0	453.5	2	462.0	0	463.5	2	472.5	0			
479.0	1	485.0	0	489.5	2	502.0	0	503.5	2			
521.0	0	522.0	1	523.5	0	524.5	0	536.5	0			
541.5	2	546.5	0	550.5	1	551.0	0	551.5	1			
565.0	0	569.5	1	572.5	0	576.0	2	581.0	0			
582.0	2	585.5	0	588.5	1	701.5	0	704.5	2			
707.0	0	710.5	1	718.5	0	720.0	1	725.0	0			
725.5	2	736.5	0	738.0	1	742.0	0	747.0	2			
758.0	0	763.0	1	768.0	0	769.5	1	770.0	0			
771.5	2	773.0	0	773.5	1	778.5	3	779.5	1			
783.5	0	785.5	1	790.5	3	792.0	1	793.0	0			

Figure 9 Park to Boylston Data

Figure 9 Park to Boylston Data (cont'd)

FROM - PARK TO - BOYLSTON LEFT PROFILE				FROM - PARK TO - BOYLSTON RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
810.0	1	813.5	0	815.0	2	816.5	4
818.5	4	819.0	2	820.0	0	821.0	1
827.0	1	827.5	0	828.5	2	830.5	4
833.5	4	836.5	2	844.0	0	846.0	1
851.0	1	862.0	0	862.5	1	874.5	0
884.0	0	886.0	2	889.5	0	893.0	1
905.5	0	928.5	0	931.0	1	941.5	0
949.0	0	950.5	2	957.0	0	960.5	1
1057.0	1	1064.5	0	1067.0	2	1080.5	0
1138.5	0	1140.0	2	1150.0	0	1154.0	1
1175.0	1	1210.5	0	1213.5	1	1219.5	0
1233.5	0	1235.0	1	1321.0	0	1323.5	2
1466.5	1	1486.5	0	1490.5	1	1517.0	0
1518.5	0	1523.5	2	1527.0	0	1531.5	1
1560.0	1	1561.0	0	1564.0	1	1570.0	3
1580.0	0	1581.5	1	1582.0	0	1582.5	1
1602.5	2	1604.0	0	1608.5	1	1654.5	0
1660.5	0	1661.5	1	1688.5	0	1693.0	2
1723.5	2	1736.0	4	1742.5	2	1743.0	4
1744.5	4	1745.0	2	1748.5	4	1749.0	2
1750.5	2	1751.0	0	1758.5	2	1762.0	4
1769.0	0	1792.5	2	1793.0	4	1796.5	2
1805.0	2	1822.5	0	1823.0	2	1823.5	0
1828.0	0	1829.0	2	1846.0	0	1847.0	2
1851.5	1	1865.5	0	1868.0	1	1945.5	0
1970.0	0	1972.5	1				

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FROM - PARK

TO - BOYLSTON

LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
3.5	4	1.141	7.5	3	-0.858	73.5	3	-1.146
92.5	3	-1.154	110.0	3	-1.099	131.0	3	-1.075
145.0	3	-0.991	162.5	3	-0.849	178.5	3	-1.154
1790.5	3	-1.154	816.5	4	0.811	818.5	4	0.904
826.5	3	-1.149	830.5	4	0.853	833.5	4	0.799
849.5	3	-0.985	1543.0	3	-1.007	1570.0	3	-1.039
1736.0	4	1.155	1743.0	4	0.784	1744.5	4	0.790
1748.5	4	0.913	1749.5	4	0.763	1762.0	4	0.876
1793.0	4	0.751	1802.0	4	1.151			

Figure 9 Park to Boylston Data (cont'd)

FROM - PARK TO - BOYLSTON LEFT PROFILE	ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
	4	99.00	0.75	15	37.5
	2	0.75	0.25	57	142.5
	0	0.25	-0.25	110	1485.0
	1	-0.25	-0.75	79	226.0
	3	-0.75	-99.00	13	109.0

Figure 9 Park to Boylston Data (cont'd)

FROM - PARK
TO - BOYLSTON
RIGHT PROFILE

PAGE A 1

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3.5	3	6.0	1	11.5	3	35.0	1
38.0	1	38.5	0	42.5	1	48.0	0
53.0	0	59.0	2	62.5	0	63.5	2
171.0	2	179.0	4	183.5	2	193.5	0
201.0	0	203.0	1	225.0	0	227.5	2
240.0	1	251.5	0	259.0	2	276.0	0
370.5	0	373.5	1	482.0	0	484.5	2
508.0	1	586.0	0	588.0	1	699.5	0
738.5	0	747.5	2	750.5	0	756.0	1
762.5	1	765.5	0	768.5	2	771.0	0
774.0	3	776.5	1	787.0	0	787.5	1
800.0	0	800.5	0	806.5	2	807.5	0
814.0	3	814.5	1	815.0	0	815.5	2
822.0	2	834.0	0	836.5	1	840.0	3
844.0	0	845.0	1	849.5	3	850.5	1
855.5	1	859.5	3	860.5	1	864.0	0
872.0	0	875.5	2	876.0	0	880.5	1
888.5	2	891.0	0	891.5	2	895.0	0
929.0	0	933.5	1	943.5	0	944.5	1
952.5	2	989.5	0	996.5	1	1000.5	0
1114.0	0	1115.0	1	1135.0	0	1139.0	2
1156.5	1	1167.0	0	1167.5	2	1212.0	0
1222.0	0	1222.5	1	1247.0	0	1247.5	1
1250.5	1	1256.5	0	1257.5	2	1261.5	0
1470.0	0	1474.0	1	1477.0	3	1478.0	1
1494.5	1	1497.0	3	1500.5	1	1535.5	0
1530.5	4	1532.5	2	1533.5	0	1538.0	1
1578.0	2	1593.0	0	1597.5	1	1669.5	0
1679.0	0			1686.5	1	1687.0	0

Figure 9 Park to Boylston Data (cont'd)

Figure 9 Park to Boylston Data (cont'd)

FROM - PARK TO - BOYLSTON RIGHT PROFILE				PAGE A 2			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1689.5	1	1691.0	0	1694.5	2	1699.0	0
1723.0	3	1724.0	1	1724.5	3	1725.0	1
1738.0	1	1791.0	3	1795.0	1	1797.0	0
1804.5	3	1806.5	1	1807.0	0	1809.5	1
1826.0	1	1827.5	0	1833.0	1	1844.5	0
1848.0	0	1853.0	1	1863.5	0	1870.0	1
1882.5	1	1904.0	0	1911.5	1	1928.5	0
1949.0	0	1950.5	4	1954.0	2	1955.5	0
1960.0	1						

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FROM - PARK
 TO - BOYLSTON
 RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
3.5	3	-1.056	11.5	3	-1.057	167.0	4	1.154
179.0	4	1.021	774.0	3	-0.805	814.0	3	-1.051
826.5	4	1.154	840.0	3	-1.060	849.5	3	-1.054
859.5	3	-1.065	1477.0	3	-0.963	1482.5	3	-0.917
1497.0	3	-0.844	1530.5	4	0.830	1723.0	3	-1.031
1724.5	3	-0.771	1732.5	3	-1.049	1791.0	3	-1.060
1804.5	5	-1.058	1814.0	3	-0.882	1954.0	4	0.919

Figure 9 Park to Boylston Data (cont'd)

FROM - PARK TO - BOYLSTON RIGHT PROFILE				
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	5	122.5
2	0.75	0.25	29	102.0
0	0.25	-0.25	72	1422.0
1	-0.25	-0.75	64	223.0
3	-0.75	-99.00	16	130.5

Figure 9 Park to Boylston Data (cont'd)

FROM - BOYLSTON
TO - ARLINGTON
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
6.5	0	7.0	1	8.0	0	9.5	1
27.5	1	31.0	0	36.0	2	47.0	0
57.0	0	58.5	1	59.5	0	60.5	2
63.0	1	67.5	3	68.5	1	73.0	0
79.5	3	81.0	1	87.5	0	99.0	1
100.0	1	103.0	0	105.0	2	105.5	4
107.5	4	108.0	2	109.0	0	110.0	0
116.0	1	116.5	0	118.0	2	119.5	4
122.0	4	125.5	2	133.0	0	135.0	1
140.0	1	151.0	0	151.5	1	163.5	0
174.5	0	175.0	2	179.0	0	182.5	1
201.0	1	217.0	0	220.0	1	220.5	0
230.5	0	233.0	1	246.0	0	249.5	1
346.0	1	353.5	0	356.0	2	370.0	0
427.5	0	429.0	2	439.0	0	443.0	1
454.0	1	499.0	0	502.5	1	508.5	0
522.5	0	524.5	1	610.5	0	612.5	2
755.5	1	775.5	0	779.5	1	807.0	0
816.0	0	820.5	1	831.5	3	849.0	1
852.5	1	859.0	3	864.5	1	890.5	0
893.0	0	897.0	1	946.0	0	948.0	1
950.5	1	977.0	0	982.0	2	1009.5	0
1025.5	4	1030.5	2	1031.0	4	1033.5	2
1047.5	2	1051.0	4	1053.0	2	1058.0	0
1081.5	4	1085.5	2	1091.0	4	1094.0	2
1114.5	2	1117.0	0	1117.5	2	1134.5	0
1139.5	0	1140.5	1	1146.0	0	1147.0	1
1155.0	1	1156.0	0	1156.5	1	1234.5	0
1259.0	0	1261.0	1	1263.0	0	1263.5	1

Figure 10 Boylston to Arlington Data

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON TO - ARLINGTON LEFT PROFILE				FROM - BOYLSTON TO - ARLINGTON RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1404.0	2	1443.0	2	1447.0	2	1465.5	0
1588.0	0	1588.5	1	1589.0	0	1589.5	1
1590.5	1	1596.0	0	1598.5	1	1613.5	0
1615.5	0	1616.0	2	1616.5	0	1617.0	2
1630.5	1	1639.0	0	1641.5	1	1645.0	3
1646.5	0	1651.0	2	1660.0	0	1669.0	1
1692.0	1	1702.5	0	1712.5	1	1719.0	0
1723.0	3	1732.5	1	1739.0	0	1749.0	1
1750.0	1	1770.5	0	1784.5	1	1798.5	0
1819.5	0	1820.0	1	1825.0	0	1830.5	1
1842.5	1	1858.5	0	1862.0	1	1862.5	3
1867.0	3	1869.0	1	1892.5	0	1902.5	1
1906.5	2	1908.0	4	1908.5	2	1911.0	0
1914.0	0	1915.5	1	1926.0	0	1930.5	2
1935.5	1	1936.5	0	1943.0	2	1944.0	0
1948.5	3	1949.0	1	1950.5	0	1951.0	2
1957.0	1	1977.0	0	1982.5	1	2053.0	0
2088.0	0	2090.0	1	2155.5	0	2157.0	1
2221.5	1	2253.0	0	2257.5	1	2261.0	0
2279.0	0	2282.5	1	2300.0	0	2306.0	1
2342.5	1	2382.0	0	2385.0	1	2421.0	0
2434.5	0	2435.5	1	2440.0	0	2442.0	2
2532.0	1	2557.0	0	2558.0	1	2560.5	0
2592.0	0	2596.0	1	2632.5	0	2635.5	1
2642.0	2	2672.0	0	2677.5	1	2692.5	0
2731.5	0	2732.0	1	2781.0	0	2783.0	1
2854.0	1	2991.5	0	2992.0	1	2999.5	0
3017.0	0	3021.0	1	3031.0	0	3039.0	2
3051.5	1	3092.0	0	3097.5	1	3125.0	0

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON TO - ARLINGTON LEFT PROFILE				PAGE A 3			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3140.0	0	3141.0	1	3170.5	0	3172.5	2
3238.5	1	3242.0	0	3244.5	2	3259.5	0
3305.5	0	3306.5	1	3334.0	0	3339.0	1
3346.0	2	3350.0	0	3356.5	1	3365.0	0
3372.0	0	3372.5	2	3383.0	0	3385.5	1
3392.5	2	3397.0	0	3403.5	1	3406.0	0
3506.0	0	3513.0	1				

PAGE B 1

FROM - BOYLSTON
TO - ARLINGTON
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
67.5	3	-1.169	79.5	3	-1.169	105.5	4	0.786
107.5	4	0.964	115.5	3	-1.154	119.5	4	0.880
122.0	4	0.801	138.5	3	-0.981	831.5	3	-1.009
859.0	3	-0.993	1025.5	4	1.145	1031.0	4	0.756
1036.5	4	0.893	1051.0	4	0.928	1081.5	4	0.754
1091.0	4	1.150	1645.0	3	-0.924	1723.0	3	-0.783
1836.0	3	-0.955	1862.5	3	-0.753	1867.0	3	-1.133
1908.0	4	0.823	1948.5	3	-0.940			

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON
TO - ARLINGTON

LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	11	32.0
2	0.75	0.25	47	139.0
0	0.25	-0.25	138	2964.0
1	-0.25	-0.75	114	412.5
3	-0.75	-99.00	12	52.5

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON
TO - ARLINGTON
RIGHT PROFILE

FEET	ZONE										
27.5	0	37.0	2	39.5	0	45.0	1	46.0	0	61.0	1
51.5	1	55.0	0	57.5	2	60.0	0	68.5	2	89.5	0
63.5	3	65.5	1	67.5	0	68.5	2	97.5	1	109.5	4
91.5	2	92.0	4	95.5	2	96.5	0	104.5	2	129.5	3
103.0	3	103.5	1	104.0	0	104.5	2	104.5	2	131.5	1
111.0	2	123.5	0	125.5	1	129.5	3	131.5	1	143.5	0
133.0	0	134.5	1	138.5	3	140.0	1	143.5	0	159.5	1
144.5	1	148.5	3	149.5	1	153.5	0	169.5	1	172.0	0
161.0	0	164.5	2	165.5	0	169.5	1	184.5	0	186.0	1
177.5	2	180.0	0	180.5	2	184.5	0	233.5	1	239.0	0
218.5	0	222.5	1	232.5	0	233.5	1	239.0	0	395.5	2
241.5	2	278.5	0	285.5	1	389.5	0	424.0	0	428.0	2
403.0	0	403.5	1	424.0	0	501.0	0	506.0	2	506.0	2
445.5	1	456.0	0	456.5	2	536.0	0	536.5	1	545.5	0
511.0	0	511.5	1	536.0	0	555.0	1	759.0	0	763.0	1
546.5	2	550.5	0	550.5	0	771.5	3	783.0	1	786.0	3
766.0	3	767.0	1	817.0	2	817.0	2	819.0	4	821.5	2
789.0	1	814.5	0	826.5	1	856.0	0	866.5	2	876.5	0
822.0	0	826.5	1	881.5	0	886.5	1	956.0	0	956.5	2
877.5	2	881.5	0	955.0	2	966.0	0	967.5	1	975.0	0
958.0	0	977.5	0	978.5	1	980.0	0	986.5	2	986.5	2
975.5	1	990.5	1	1012.0	3	1012.0	3	1012.5	1	1013.0	3
987.5	0	1021.5	3	1026.5	1	1046.5	3	1047.5	1	1047.5	1
1012.5	1	1083.5	1	1086.0	0	1087.5	1	1093.5	3	1093.5	3
1080.0	3	1103.0	3	1116.0	1	1116.0	0	1122.0	1	1122.0	1
1098.5	1	1135.0	1	1136.5	0	1141.5	1	1152.0	0	1152.0	0
1133.0	0	1168.5	0	1171.5	1	1171.5	1	1201.0	1	1201.0	1
1159.5	1	1222.0	0	1238.0	1	1239.0	0	1242.5	4	1242.5	4

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON
TO - ARLINGTON
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1243.5	2	1244.5	1	1248.5	1	1331.0	1
1337.5	0	1343.0	2	1397.0	0	1401.0	2
1445.5	2	1451.0	0	1454.5	2	1466.5	0
1534.0	0	1535.5	1	1562.0	0	1565.0	1
1576.5	2	1584.0	0	1587.5	1	1626.0	0
1641.5	0	1647.5	1	1665.0	0	1665.5	1
1697.5	2	1704.5	0	1708.5	1	1712.5	0
1713.5	0	1714.5	1	1731.0	0	1731.5	1
1744.0	1	1776.5	0	1780.0	1	1862.0	0
1871.5	0	1872.0	2	1897.0	0	1897.5	1
1903.0	2	1915.5	0	1916.0	2	1918.0	0
1920.5	0	1921.0	1	1926.0	0	1927.5	1
1934.0	2	1941.0	0	1941.5	2	1976.5	0
2051.5	0	2056.5	1	2071.5	0	2075.5	2
2088.5	1	2129.0	0	2131.5	1	2237.5	0
2244.5	0	2249.5	1	2278.0	0	2281.5	1
2312.5	1	2335.0	0	2338.0	1	2339.5	3
2379.0	0	2388.5	1	2417.5	0	2426.5	1
2652.5	2	2671.5	0	2675.5	1	2682.5	0
2690.5	0	2692.0	1	2767.0	0	2767.5	1
2844.5	1	2995.0	0	2996.5	1	2998.0	0
2999.0	0	3000.0	1	3033.5	0	3039.0	2
3048.5	1	3064.0	0	3068.5	1	3090.5	0
3109.0	0	3112.0	2	3126.5	0	3129.5	2
3146.0	1	3181.0	0	3186.0	1	3202.5	0
3222.0	0	3230.0	1	3242.5	0	3243.0	2
3262.5	1	3294.5	0	3298.5	2	3304.0	0
3333.5	0	3339.5	1	3343.5	0	3347.0	2
3355.5	1	3395.5	0	3399.5	1	3428.0	0

Figure 10 Boylston to Arlington Data (cont'd)

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON			TO - ARLINGTON		
RIGHT PROFILE					
FEET	ZONE	FEET	ZONE	FEET	ZONE
3451.0	0	3451.5	2	3463.0	0
3484.5	1	3485.0	0	3485.5	1
3502.0	0	3507.0	1	3507.5	0
3541.0	1	3541.5	3	3545.5	1
3578.0	0	3580.0	2	3583.5	0
				3589.0	1
				3466.5	1
				3494.5	0
				3508.0	1
				3535.0	0
				3555.5	2
				3482.0	0
				3499.0	2
				3538.0	0
				3555.5	2

Figure 10 Boylston to Arlington Data (cont'd)

FROM - BOYLSTON TO - ARLINGTON RIGHT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
63.5	3	-0.807	92.0	4	0.753	103.0	3	-1.052
109.5	4	1.153	129.5	3	-1.057	138.5	3	-1.051
148.5	3	-1.068	766.0	3	-0.969	771.5	3	-0.920
785.0	3	-0.838	819.0	4	0.829	1012.0	3	-1.033
1013.0	3	-0.777	1021.5	3	-1.049	1046.5	3	-1.029
1080.0	3	-1.067	1093.5	3	-1.062	1103.0	3	-0.888
1242.5	4	0.506	2339.5	3	-0.850	3541.5	3	-0.768

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FROM - BOYLSTON
TO - ARLINGTON
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	4	11.0
2	0.75	0.25	49	136.5
0	0.25	-0.25	136	2957.0
1	-0.25	-0.75	108	370.0
3	-0.75	-99.00	17	125.5

Figure 10 Boylston to Arlington Data (cont'd)

FROM - ARLINGTON
TO - COPLEY
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
23.5	0	27.0	1	30.0	0	33.0	2
69.0	1	84.0	0	90.5	1	121.5	0
123.0	0	123.5	1	171.0	0	173.0	1
244.0	1	389.5	0	395.5	1	407.0	0
421.5	0	429.5	2	434.0	0	441.5	1
488.0	1	515.5	0	518.0	1	530.5	0
561.5	0	562.0	2	626.0	0	629.0	1
634.5	2	650.0	0	654.0	1	695.5	0
724.0	0	729.0	1	735.5	0	736.0	2
747.0	1	756.5	0	758.0	1	773.0	0
780.5	0	782.5	2	787.0	0	793.0	1
794.0	1	796.0	0	798.5	1	799.0	0
887.5	0	888.0	2	896.5	0	903.0	1
971.0	2	1054.0	0	1057.5	1	1174.0	0
1265.5	0	1266.0	2	1266.5	0	1267.0	2
1268.5	2	1301.5	0	1302.0	2	1311.0	0
1409.0	0	1412.5	1	1527.0	0	1530.0	1
1571.5	1	1586.5	0	1588.5	2	1627.0	0
1823.5	0	1825.0	2	1825.5	0	1826.5	2
1834.5	1	1852.0	0	1859.0	1	1952.0	0
1982.0	0	1987.0	1	2033.5	0	2035.0	2
2047.5	1	2101.0	0	2105.0	1	2111.5	0
		2275.5				2268.5	

Figure 11 Arlington to Copley Data

Figure 11 Arlington to Copley Data (cont'd)

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FROM - ARLINGTON
TO - COPLEY
LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	-99.00	0.75	0	0.0
2	0.75	0.25	18	28.0
0	0.25	-0.25	56	2230.5
1	-0.25	-0.75	38	141.5
	-0.75	-99.00	0	0.0

FROM - ARLINGTON
TO - COPLEY
RIGHT PROFILE

FEET	ZONE								
40.5	0	43.5	2	63.0	0	67.0	1	74.0	0
75.0	2	81.5	0	83.5	1	157.5	0	158.0	1
158.5	0	159.0	1	234.0	0	234.5	1	385.5	0
387.0	1	388.0	0	389.0	1	389.5	0	390.5	1
423.5	0	429.5	2	433.5	0	438.5	1	454.0	0
459.0	1	481.0	0	486.0	1	499.0	0	502.0	2
516.5	0	520.0	2	535.0	0	536.5	1	571.5	0
576.0	1	592.5	0	594.5	1	595.0	0	595.5	1
612.5	0	620.0	1	633.0	0	633.5	2	651.0	0
652.5	1	664.5	0	665.0	1	685.0	0	689.0	2
694.0	0	701.5	1	723.5	0	730.0	1	733.5	0
737.5	2	740.5	0	745.5	1	786.0	0	789.5	1
818.0	0	823.0	1	842.0	0	842.5	2	853.5	0
856.5	1	872.0	0	875.5	1	884.5	0	889.0	2
892.0	0	897.5	1	898.0	0	898.5	1	928.0	0
931.0	1	932.0	3	936.0	1	945.0	0	945.5	2
968.0	0	968.5	2	969.0	0	970.5	2	974.0	0
979.5	1	1030.0	0	1033.0	1	1053.5	0	1059.0	1
1144.0	0	1145.0	1	1172.0	0	1177.5	1	1213.0	0
1218.0	1	1268.5	0	1270.5	1	1330.5	0	1335.0	1
1459.0	0	1459.5	1	1499.5	0	1500.5	1	1764.0	0
1767.0	2	1775.5	0	1782.5	1	1793.0	0	1799.0	1
1850.0	0	1851.0	1	1854.0	0	1855.0	1	1855.5	0
1857.5	1	1889.5	0	1891.0	1	1917.5	0	1918.5	1
1936.5	0	1937.0	1	1962.0	0	1965.5	2	1978.0	0
1984.0	1	2005.5	0	2006.0	2	2031.5	0	2033.5	1
2097.0	0	2097.5	1	2140.5	0	2141.0	2	2170.0	0
2172.0	2	2185.0	0	2190.5	1	2226.0	0	2236.0	1
2319.0	0	2324.0	1	2388.0	0	2394.0	1		

Figure 11 Arlington to Copley Data (cont'd)

Figure 11 Arlington to Copley Data (cont'd)

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
932.0	3	-0.771						

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FROM - ARLINGTON
TO - COPLEY
RIGHT PROFILE

Figure 11 Arlington to Copley Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	0	0.0
2	0.75	0.25	18	42.0
0	0.25	-0.25	71	2183.5
1	-0.25	-0.75	54	173.5
3	-0.75	-99.00	1	1.0

FROM - ARLINGTON
TO - COPLEY
RIGHT PROFILE

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FROM - COPLEY
TO - AUDITORIUM
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
22.0	0	22.5	2	23.0	0	23.5	2
71.5	1	95.5	0	96.0	1	96.5	0
164.5	0	168.5	1	282.5	0	285.5	1
327.0	1	342.5	0	343.5	2	382.5	0
579.5	0	580.5	2	581.0	0	582.0	2
590.0	1	607.5	0	614.5	1	707.0	0
737.5	0	742.5	1	789.0	0	790.5	2
803.0	1	857.5	0	861.0	1	867.5	0
1025.5	0	1032.5	1	1197.5	0	1199.5	1
1230.5	2	1231.0	0	1236.0	1	1237.5	0
1244.5	0	1251.5	1	1256.5	0	1261.5	2
1273.0	1	1284.0	0	1288.0	2	1288.5	0
1292.0	3	1293.0	1	1294.0	0	1296.5	2
1301.0	1	1303.5	0	1304.5	2	1368.5	0
1388.5	0	1389.0	2	1391.0	0	1397.0	1
1499.5	1	1558.0	0	1560.5	2	1563.0	0
1566.5	3	1567.5	1	1568.0	0	1569.0	2
1570.0	2	1572.0	4	1572.5	2	1575.5	0
1585.5	0	1590.0	2	1590.5	0	1595.5	1
1598.0	1	1598.5	0	1602.0	1	1604.0	0
1607.5	4	1609.5	2	1610.5	0	1613.0	1
1623.5	1	1624.5	0	1628.5	2	1629.0	0
1637.0	0	1637.5	1	1638.0	0	1642.0	1
2156.0	1	2172.0	0	2174.5	1	2227.0	0
2358.5	0	2360.5	1	2391.0	0	2391.5	2
2429.0	1	2430.5	0	2435.0	2	2465.5	0
2508.5	0	2512.5	1	2836.0	0	2837.0	1
2934.0	1	2934.5	0	2935.0	1	2935.5	0
2940.0	0	2942.5	2	3097.5	0	3100.0	1

Figure 12 Copley to Auditorium Data

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FROM - COPLEY
 TO - AUDITORIUM
 LEFT PROFILE

FEET	ZONE								
3129.5	1	3175.5	0	3177.5	1	3206.5	0	3207.5	1
3233.5	0	3238.0	1	3251.0	0	3251.5	2	3279.0	0
3281.0	1	3327.0	0	3330.0	1	3352.0	0	3355.0	1
3417.0	0	3418.0	2	3426.0	0	3428.5	1	3473.5	0
3478.5	1	3485.0	0	3485.5	2	3491.0	0	3494.0	1
3533.5	0	3535.0	1	3599.5	0	3604.0	1	3708.5	0
3712.0	1	3749.5	0	3753.0	1	3821.0	0	3826.5	1
3828.5	0	3834.0	2	3871.5	0	3882.5	1	3890.5	0
3897.0	1	3897.5	0	3909.0	1	3909.5	0	3910.0	1
3910.5	0	3911.0	1	3925.0	0	3934.0	1	3944.0	0
3949.0	1	3969.5	0	3973.5	1	3993.0	0	3997.5	2
3999.0	0	4003.0	1	4005.5	0	4008.5	1	4030.5	0
4031.0	1	4168.5	0	4169.5	1	4198.0	0	4198.5	1
4202.0	0	4205.0	2	4208.0	0	4210.5	1	4243.0	0
4244.0	1	4509.0	0	4510.0	2	4513.5	0	4515.6	1

Figure 12 Copley to Auditorium Data (cont'd)

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FROM - COPLEY
TO - AUDITORIUM
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1292.0	3	-1.113	1566.5	3	-0.830
1572.0	4	0.981	1607.5	4	0.852

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
			1569.5	4	0.821
			1615.0	3	-0.942

Figure 12 Copley to Auditorium Data (cont'd)

Figure 12 Copley to Auditorium Data (cont'd)

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FROM - COBLEY
 TO - AUDITORIUM
 LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	3	5.0
2	0.75	0.25	33	65.5
0	0.25	-0.25	104	4253.0
1	-0.25	-0.75	77	270.0
3	-0.75	-99.00	3	6.5

FROM - COPLEY
TO - AUDITORIUM
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
24.0	0	26.0	1	86.0	0	90.5	1
215.0	1	255.0	0	256.0	1	519.5	0
531.0	0	538.0	1	548.5	0	554.5	1
606.5	1	609.5	0	610.5	1	611.0	0
673.0	0	673.5	1	692.0	0	692.5	1
720.5	2	733.5	0	739.5	1	787.0	0
853.0	0	853.5	1	896.5	0	897.0	2
928.5	2	941.0	0	946.5	1	982.0	0
1075.5	0	1081.0	1	1145.0	0	1150.5	1
1175.5	1	1199.5	0	1205.0	1	1207.5	0
1241.5	0	1246.0	1	1268.5	0	1270.0	1
1298.0	2	1299.0	0	1304.0	1	1314.5	0
1330.0	0	1336.0	1	1341.0	0	1345.0	2
1359.5	1	1365.5	0	1369.0	1	1382.5	0
1387.5	0	1398.0	1	1406.0	0	1408.5	2
1431.0	1	1453.0	0	1454.0	1	1460.5	0
1495.0	0	1498.5	1	1526.5	0	1533.0	1
1563.5	1	1564.5	0	1568.0	2	1579.0	0
1583.5	0	1584.0	1	1587.5	3	1588.5	1
1598.5	1	1605.0	0	1608.5	2	1612.0	0
1636.5	0	1641.0	1	1758.5	0	1761.0	1
1864.0	1	2031.5	0	2035.5	1	2156.0	0
2157.0	0	2157.5	1	2158.0	0	2158.5	1
2232.0	1	2355.0	0	2359.5	1	2397.0	0
2401.0	0	2401.5	1	2425.5	0	2428.0	1
2469.0	1	2490.0	0	2493.0	1	2702.5	0
2733.0	0	2736.0	1	2766.5	0	2769.0	2
2831.0	1	2865.5	0	2871.0	1	2872.0	0
2906.0	0	2906.5	1	2907.0	0	2912.0	1

Figure 12 Copley to Auditorium Data (cont'd)

FROM - COPLEY
TO - AUDITORIUM
RIGHT PROFILE

FEET	ZONE								
2933.0	1	2956.0	0	2960.5	1	2970.0	0	2970.5	1
2993.0	0	2994.5	1	3029.0	0	3031.0	1	3039.0	0
3041.0	1	3056.0	0	3060.5	1	3068.0	0	3072.0	1
3088.0	0	3089.5	1	3098.0	0	3101.0	1	3127.5	0
3139.5	1	3158.0	0	3162.5	1	3171.0	0	3174.5	1
3199.5	0	3200.0	1	3208.5	0	3215.5	1	3220.0	0
3221.0	1	3241.0	0	3243.0	1	3257.0	0	3266.0	1
3274.5	0	3280.5	1	3289.0	0	3291.5	1	3293.5	0
3301.0	1	3304.0	0	3312.5	1	3315.0	0	3315.5	1
3316.0	0	3336.5	1	3339.0	0	3345.5	1	3350.5	0
3360.5	1	3363.0	0	3369.0	1	3370.5	0	3379.5	1
3386.0	0	3388.0	1	3399.0	0	3403.5	2	3405.0	0
3409.0	1	3435.5	0	3439.0	1	3453.0	0	3456.0	1
3490.5	0	3492.5	1	3572.0	0	3572.5	2	3730.5	0
3733.0	1	3765.5	0	3766.0	1	3773.5	0	3774.0	2
3784.0	0	3791.0	1	3794.5	0	3799.5	2	3808.5	0
3809.0	1	3916.5	0	3922.5	2	3971.0	0	3972.5	1
4005.5	0	4008.5	1	4032.5	0	4033.0	1	4123.5	0
4124.5	2	4149.0	0	4157.0	1	4161.0	0	4164.5	2
4168.0	0	4168.5	1	4169.0	0	4169.5	1	4241.0	0
4244.0	1	4326.0	0	4330.0	1	4360.0	0	4363.5	1
4390.0	0	4398.5	1	4501.5		4505.5		4539.0	0
4544.0									

Figure 12 Copley to Auditorium Data (cont'd.)

Figure 12 Copley to Auditorium Data (cont'd)

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FROM - COBLEY
TO - AUDITORIUM
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1587.5	3	-0.999			

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FROM - COBLEY TO - AUDITORIUM RIGHT PROFILE				
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	.99.00	.0.75	0	0.0
2	.0.75	.0.25	21	61.5
0	.0.25	-.0.25	127	4133.0
1	-.0.25	-.0.75	107	402.0
3	-.0.75	-.99.00	1	3.5

Figure 12 Copley to Auditorium Data (cont'd)

FROM - AUDITORIUM
TO - KENMORE
LEFT PROFILE

	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
	17.0	0	22.5	1	63.0	0	65.5	1
114.5	1	136.0	0	139.5	1	210.5	0	
257.5	0	262.5	1	275.5	0	278.5	1	
319.5	1	384.0	0	388.0	1	445.5	0	
493.0	0	496.5	1	533.5	0	538.0	1	
611.0	1	613.0	0	618.5	2	656.0	0	
674.5	0	680.5	1	681.0	0	692.5	1	
694.0	1	694.5	0	695.5	1	709.5	0	
728.0	0	728.5	1	729.0	0	733.0	1	
757.5	1	777.5	0	782.0	2	783.0	0	
789.5	0	792.5	1	814.5	0	815.5	1	
954.0	1	982.5	0	983.0	1	986.5	0	
992.5	0	995.0	1	1027.0	0	1028.5	1	
1294.0	2	1297.5	0	1299.0	1	1390.0	0	
1391.0	0	1391.5	1	1407.5	0	1414.0	1	
1441.5	1	1442.0	0	1442.5	1	1452.5	0	
1468.0	0	1470.0	1	1470.5	0	1471.0	1	
1501.0	1	1534.5	0	1541.5	1	1575.5	0	
1612.0	0	1612.5	1	1616.0	0	1619.0	2	
1628.0	1	1635.5	0	1636.5	1	1654.5	0	
1669.0	0	1671.5	1	1672.0	0	1673.0	1	
1682.5	1	1693.0	0	1695.0	2	1716.0	0	
1818.0	0	1820.5	1	1885.5	0	1889.5	2	
1901.5	1	1906.0	0	1910.5	2	1974.5	0	
1977.0	0	1977.5	1	1990.5	0	2001.5	1	
2025.5	1	2038.0	0	2057.0	1	2057.5	0	
2059.0	0	2060.0	1	2060.5	0	2061.0	1	
2064.5	1	2072.0	0	2073.0	1	2080.5	0	
2081.5	0	2082.0	1	2084.5	0	2085.0	1	

Figure 13 Auditorium to Kenmore Data

FROM - AUDITORIUM
TO - KENMORE
LEFT PROFILE

FEET	ZONE								
2089.5	1	2090.0	0	2091.0	1	2091.5	0	2092.5	1
2093.0	0	2093.5	1	2094.5	0	2095.5	1	2096.0	0
2107.5	1	2108.0	0	2109.5	1	2112.5	0	2113.0	1
2114.0	0	2115.0	1	2115.5	0	2126.5	1	2127.0	0
2127.5	1	2140.0	0	2175.0	1	2183.5	0	2214.0	1
2225.0	0	2249.5	1	2250.0	0	2259.0	1	2264.5	0
2271.5	1	2272.0	0	2272.5	1	2278.0	0	2284.0	1
2290.0	0	2295.0	1	2295.5	0	2309.0	1	2315.0	0
2316.0	1	2329.0	0	2330.0	2	2334.0	4	2334.5	2
2335.5	1	2346.5	3	2349.0	1	2356.0	0	2359.5	1
2362.0	0	2364.0	2	2368.0	0	2375.0	2	2375.5	0
2377.0	1	2381.5	3	2382.0	1	2383.0	0	2384.0	2
2385.0	4	2387.0	2	2396.5	0	2397.0	2	2419.0	0
2421.0	1	2437.0	0	2453.5	1	2454.0	0	2465.0	1
2474.5	0	2475.5	2	2480.5	4	2485.5	0	2488.0	2
2520.0	0	2524.5	2	2526.5	0	2529.5	1	2532.5	0
2533.0	2	2535.0	0	2535.5	1	2536.0	0	2540.0	1
2548.5	0	2552.0	1	2553.5	2	2554.0	1	2555.0	3
2558.5	1	2561.5	0	2562.0	2	2567.0	0	2570.5	1
2572.0	3	2575.0	1	2576.0	0	2580.0	2	2580.5	0
2585.0	1	2586.0	0	2589.0	2	2593.5	0	2595.5	1
2598.5	0	2600.0	2	2675.0	0	2679.5	2	2685.0	0
2691.0	1	2698.0	0	2701.0	2	2716.0	0	2720.5	2
2733.0	0	2733.5	1	2734.5	0	2735.0	1	2759.5	0
2763.0	1	2775.0	0	2783.0	1	2797.0	0	2815.0	1
2822.5	0	2834.0	1	2834.5	0	2849.5	1	2871.0	0
2871.5	1	2872.0	0	2880.5	1	2881.0	0	2881.5	1
2882.0	0	2884.5	1	2890.0	0	2897.0	1	2913.5	0
2918.5	1	2928.5	0	2929.0	1	2929.5	0	2934.0	1

Figure 13 Auditorium to Kenmore Data (cont'd)

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FROM - AUDITORIUM
TO - KENMORE
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2934.5	0	2935.0	1	2954.0	0	2957.5	1
3009.5	2	3013.0	0	3014.5	1	3030.0	0
3052.0	0	3057.0	2	3062.0	0	3062.5	2
3102.5	2	3104.5	0	3105.0	2	3107.0	0
3108.0	0	3108.5	2	3109.0	0	3109.5	2
3148.0	2	3192.0	0	3193.5	1		

Figure 13 Auditorium to Kenmore Data (cont'd)

FROM - AUDITORIUM				PAGE B 1			
TO - KENMORE							
LEFT PROFILE							
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE
2334.0	4	1.064	2346.5	3	-1.158	2381.5	3
2385.0	4	0.972	2480.5	4	1.151	2553.5	3
2555.0	3	-0.809	2572.0	3	-1.056		

Figure 13 Auditorium to Kenmore Data (cont'd)

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ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	3	10.0
2	0.75	0.25	36	88.5
0	0.25	-0.25	151	2543.0
1	-0.25	-0.75	123	539.0
		-99.00	5	19.5

Figure 13 Auditorium to Kenmore Data (cont'd)

FROM - AUDITORIUM
TO - KENMORE
RIGHT PROFILE

FEET	ZONE								
5.0	0	26.0	0	28.0	1	42.0	0	42.0	0
50.5	1	65.0	1	73.5	0	76.0	1	76.0	1
78.0	0	89.0	0	97.5	1	100.5	0	100.5	0
121.0	1	130.5	1	135.5	0	145.5	1	145.5	1
148.5	0	154.5	0	164.0	1	170.5	0	170.5	0
172.5	1	188.5	2	189.5	0	193.5	1	193.5	1
220.0	0	237.5	0	240.5	1	275.0	0	275.0	0
277.5	1	316.5	1	356.5	0	357.5	2	357.5	2
515.0	0	517.5	1	550.5	0	551.0	1	558.0	0
558.5	2	568.5	0	576.0	1	579.0	0	584.5	2
593.5	0	594.0	1	701.5	0	707.0	2	755.5	0
757.5	1	790.0	0	793.5	1	817.5	0	818.0	1
908.5	0	909.0	2	934.0	0	941.5	1	945.5	0
949.0	2	953.0	0	953.5	1	954.0	0	954.5	1
1025.5	0	1029.0	1	1111.0	0	1115.0	1	1145.0	0
1148.5	1	1174.5	0	1183.0	1	1286.5	0	1290.5	1
1324.0	0	1329.0	1	1412.5	0	1417.0	1	1439.0	0
1447.5	1	1449.0	0	1469.0	1	1469.5	0	1470.0	1
1481.0	0	1495.0	1	1498.5	0	1506.5	1	1516.0	0
1535.0	1	1540.5	3	1544.0	1	1548.0	0	1566.5	1
1569.5	0	1597.5	1	1599.0	3	1605.5	1	1607.0	0
1672.5	1	1673.5	0	1675.5	1	1681.5	3	1683.0	1
1692.0	0	1713.5	1	1716.5	3	1743.5	1	1749.5	0
1769.0	1	1781.0	0	1787.0	1	1790.0	0	1795.0	1
1798.5	0	1803.0	2	1804.0	0	1809.0	1	1821.0	0
1822.0	1	1880.0	0	1881.5	2	1903.5	0	1906.5	2
1927.0	0	1932.5	1	2013.0	0	2013.5	2	2021.5	0
2024.5	1	2042.0	0	2047.5	1	2057.5	0	2062.5	1
2066.0	0	2068.5	2	2099.0	0	2099.5	1	2100.0	0

Figure 13 Auditorium to Kenmore Data (cont'd)

FROM - AUDITORIUM
TO - KENMORE
RIGHT PROFILE

FEET	ZONE								
2102.0	1	2138.5	0	2140.5	1	2152.5	0	2156.5	1
2201.0	0	2204.0	1	2252.0	0	2259.0	1	2273.5	0
2277.5	1	2298.0	0	2304.5	1	2328.5	0	2330.0	1
2333.5	0	2334.5	2	2336.0	0	2339.0	1	2341.0	3
2343.0	1	2350.5	3	2352.5	1	2354.0	0	2356.5	1
2359.5	3	2365.0	1	2366.0	3	2378.5	1	2379.5	0
2380.0	1	2385.0	0	2389.0	1	2393.0	0	2395.0	1
2397.0	0	2400.5	2	2404.0	0	2408.5	1	2435.5	0
2436.5	1	2471.0	0	2483.0	2	2503.0	0	2507.0	2
2514.0	0	2519.0	1	2520.5	0	2522.5	2	2524.5	4
2526.5	2	2528.0	0	2530.0	1	2531.5	0	2532.0	2
2535.0	0	2536.0	1	2537.0	3	2545.0	1	2548.0	0
2549.0	2	2552.0	4	2553.0	2	2554.0	0	2555.5	1
2558.5	3	2560.0	1	2560.5	0	2562.0	2	2565.5	4
2570.0	2	2573.0	0	2577.5	1	2581.0	0	2584.0	1
2595.5	0	2600.5	1	2760.0	0	2765.0	1	2776.0	0
2784.0	1	2785.0	0	2791.5	1	2799.0	0	2831.5	1
2842.0	0	2845.0	1	2893.0	0	2896.0	1	2899.5	0
2900.0	2	2971.0	0	2972.5	2	3005.0	0	3006.5	1
3051.0	0	3056.0	2	3105.5	0	3106.0	2	3106.5	0
3110.0	2	3114.0	0	3116.5	1	3145.5	0	3149.5	2
3198.0	0			3198.5	1				

Figure 13 Auditorium to Kenmore Data (cont'd)

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FROM - AUDITORIUM
TO - KENMORE
RIGHT PROFILE

	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1540.5	3	-1.047	1599.0	3	-0.779	1681.5	3	-1.057	
1716.5	3	-0.844	2341.0	3	-0.820	2350.5	3	-1.064	
2359.5	3	-0.827	2366.0	3	-0.807	2524.5	4	0.892	
2537.0	3	-0.822	2552.0	4	1.042	2558.5	3	-1.054	
2565.5	4	1.170							

Figure 15 Auditorium to Kenmore Data (cont'd)

FROM - AUDITORIUM
TO - KENMORE
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	3	8.5
2	0.75	0.25	29	81.0
0	0.25	-0.25	113	2454.0
1	-0.25	-0.75	97	623.0
3	-0.75	-99.00	10	33.5

Figure 13 Auditorium to Kenmore Data (cont'd)

FROM - KENMORE
TO - FENWAY
LEFT PROFILE

FEET	ZONE								
7.5	3	8.5	1	9.5	3	22.5	1	40.5	0
46.0	1	50.5	0	51.0	2	71.0	0	75.0	1
76.0	0	80.0	2	80.5	0	82.0	1	85.0	0
87.0	2	90.0	0	92.0	1	168.5	0	177.0	1
186.0	0	191.0	1	191.5	0	194.5	1	197.0	3
200.0	1	204.0	0	208.0	2	217.0	0	217.5	1
221.0	0	227.0	2	230.5	0	236.0	1	241.0	0
242.0	1	246.0	0	249.5	2	253.5	0	255.5	1
258.5	0	260.5	2	336.0	0	340.0	2	347.5	0
350.5	1	358.0	0	361.5	2	376.0	0	381.0	2
408.5	0	409.0	2	409.5	0	410.0	2	420.0	0
422.5	1	436.5	0	437.0	1	437.5	0	442.5	1
458.0	0	463.5	1	464.0	0	464.5	1	465.0	0
475.5	1	484.0	0	484.5	1	485.0	0	485.5	1
487.0	0	492.0	1	492.5	0	493.0	1	496.0	0
496.5	1	497.0	0	498.5	1	499.0	0	499.5	1
533.5	0	534.0	1	534.5	0	535.0	1	535.5	0
537.0	1	537.5	0	538.0	1	538.5	0	539.0	1
551.0	0	557.0	1	575.5	0	576.0	1	577.0	0
578.0	1	591.5	0	592.0	1	665.5	0	670.0	2
673.5	0	674.0	1	689.5	0	693.5	2	711.5	0
717.5	2	721.5	0	723.0	2	758.5	0	759.0	2
760.5	0	762.5	2	763.0	0	763.5	2	764.0	0
770.0	2	806.0	0	808.5	2	906.5	0	907.5	1
927.0	0	928.5	1	1061.5	0	1066.0	1	1094.0	0
1095.5	2	1247.5	0	1248.0	1	1483.0	0	1484.5	2
1563.5	0	1564.5	2	1715.5	0	1718.0	1	1733.0	0
1734.5	1	1804.5	0	1807.0	1	1950.0	0	1954.5	1
1985.0	0	1987.0	2	2044.0	0	2046.5	2	2049.5	0

Figure 14 Kenmore to Fenway Park Data

FROM - KENMORE TO - FENWAY LEFT PROFILE				FROM - KENMORE TO - FENWAY RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2055.0	2	2056.0	0	2060.0	1	2060.5	4
2063.5	2	2064.5	0	2065.0	1	2069.0	3
2076.0	0	2078.0	1	2088.0	0	2091.0	1
2121.5	1	2127.5	0	2130.5	2	2132.0	0
2138.0	3	2138.5	1	2139.0	0	2140.0	2
2143.5	2	2147.5	0	2150.5	2	2151.5	0
2156.5	3	2157.0	1	2157.5	0	2158.0	2
2163.5	2	2169.0	0	2177.5	1	2187.0	0
2191.5	0	2195.0	2	2205.5	0	2206.0	1
2209.0	1	2213.5	0	2214.5	1	2231.5	0
2236.0	0	2243.0	1	2276.5	0	2277.0	1
2286.0	1	2332.0	0	2332.5	1	2350.5	0
2351.5	0	2352.0	2	2356.0	0	2356.5	1
2357.5	1	2358.0	0	2358.5	1	2359.0	0
2360.5	0	2361.0	1	2364.0	0	2364.5	1
2375.5	2	2406.5	0	2409.0	2	2435.5	0
2569.5	0	2571.0	2	2612.0	0	2612.5	1
2614.0	1	2614.5	0	2616.0	1	2684.5	0
2690.5	0	2691.0	1	2722.0	0	2726.5	2
2804.0	2	2808.5	0	2813.5	1	2958.5	0
2965.0	0	2970.0	1	3005.0	0	3008.5	1
3013.5	2	3028.5	0	3032.5	2	3035.5	0
3068.5	0	3071.0	2	3101.0	0	3103.0	2
3112.0	2	3147.0	0	3151.0	2	3183.0	0
3188.0	0	3190.0	2	3208.5	0	3210.0	1
3215.0	2	3216.5	0	3217.0	2	3238.5	0
3244.0	0	3245.5	2	3347.5	0	3351.5	1
3357.0	2	3381.5	0	3382.0	2	3591.0	0
3602.0	0	3602.5	2	3603.0	0	3603.5	2

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE
TO - FENWAY
LEFT PROFILE

PAGE A 3

FEET	ZONE	FEET	ZONE								
3686.0	1	3712.5	0	3717.0	1	3717.5	0	3720.5	2		
3721.5	4	3722.0	2	3725.0	0	3727.0	1	3738.0	0		
3742.0	2	3745.5	0	3748.0	1	3749.5	3	3751.5	1		
3753.5	0	3756.0	2	3758.5	0	3764.0	1	3764.5	0		
3774.5	2	3777.0	0	3780.0	1	3780.5	0	3781.0	1		

Figure 14 Kenmore to Fenway Park Data (cont'd)

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE TO - FENWAY LEFT PROFILE				PAGE B 1			
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE
7.5	3	-1.069	9.5	3	-0.806	197.0	3
2061.5	4	0.814	2069.0	3	-1.118	2138.0	3
2141.0	4	0.841	2156.5	3	-1.117	2162.0	4
3721.5	4	0.869	3749.5	3	-0.793		

FROM - KENMORE TO - FENWAY LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	.99 .00	.0 .75	4	7 .0	
2	.0 .75	.0 .25	65	165 .5	
0	.0 .25	-.0 .25	145	3366 .0	
1	-.0 .25	-.0 .75	93	235 .5	
3	-.0 .75	-.99 .00	7	26 .0	

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE
TO - FENWAY
RIGHT PROFILE

FEET	ZONE	FEET	ZONE								
7.5	4	18.5	2	19.0	0	20.0	2	21.5	0		
22.0	2	45.0	0	50.0	1	89.0	0	94.0	1		
123.5	0	127.0	1	140.5	0	143.0	1	150.5	0		
154.0	1	158.5	0	159.5	1	160.5	0	162.5	1		
164.5	0	176.0	1	180.5	0	183.0	1	185.5	3		
195.5	1	196.0	0	196.5	1	197.0	0	205.5	1		
209.5	0	212.5	1	214.0	3	218.0	1	230.0	0		
232.5	1	234.5	3	236.5	1	241.0	0	246.0	1		
256.0	0	261.0	1	383.0	0	386.0	1	420.0	0		
425.5	1	435.5	0	452.0	1	458.0	0	492.0	1		
501.5	0	505.5	1	552.5	0	556.5	1	561.0	0		
561.5	2	574.5	0	575.5	1	587.0	0	589.0	1		
589.5	0	590.5	1	663.5	0	667.5	1	711.5	0		
715.0	2	767.5	0	768.5	2	772.5	0	777.0	1		
806.5	0	809.0	2	857.5	0	860.0	1	891.0	0		
891.5	1	925.5	0	930.0	1	949.0	0	951.0	1		
953.0	0	957.5	1	982.5	0	984.5	2	1105.5	0		
1109.0	1	1128.5	0	1133.0	1	1223.5	0	1226.5	1		
1285.5	0	1286.5	1	1303.5	0	1307.0	1	1343.5	0		
1344.0	1	1362.5	0	1365.0	1	1379.5	0	1383.5	1		
1441.5	0	1444.0	1	1513.0	0	1517.5	1	1521.5	0		
1523.0	2	1561.0	0	1563.0	2	1673.5	0	1678.0	1		
1732.0	0	1737.0	1	1806.0	0	1813.5	1	1910.0	0		
1912.5	1	1944.5	0	1956.0	1	1956.5	0	1957.0	1		
2022.5	0	2026.0	1	2061.0	0	2067.0	1	2070.5	0		
2073.0	2	2076.0	0	2079.5	1	2100.0	0	2103.0	2		
2104.0	4	2105.0	2	2106.5	0	2107.0	1	2111.0	3		
2112.0	1	2112.5	0	2116.5	2	2122.5	0	2128.5	1		
2148.0	2	2149.0	2	2150.5	0	2151.5	1	2155.5	3		

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE
TO - FENWAY
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2156.0	1	2157.0	0	2157.5	2	2161.0	4
2166.5	4	2167.0	2	2168.0	0	2168.5	1
2177.5	1	2178.5	3	2180.0	1	2182.5	0
2190.0	0	2191.0	2	2203.0	0	2203.5	1
2208.0	1	2208.5	0	2209.5	1	2216.5	0
2237.0	0	2241.5	1	2354.0	0	2354.5	2
2411.0	1	2425.0	0	2427.5	1	2431.0	0
2439.5	0	2449.5	1	2475.5	0	2477.0	1
2507.0	1	2539.0	0	2539.5	1	2549.0	0
2552.5	0	2556.0	1	2556.5	0	2558.0	1
2567.5	1	2577.5	0	2580.5	1	2589.0	0
2590.5	0	2592.5	1	2600.0	0	2619.0	1
2620.0	1	2633.5	0	2654.0	1	2664.5	0
2673.5	0	2705.0	1	2713.5	0	2724.5	1
2740.0	1	2740.5	0	2741.0	1	2741.5	0
2756.5	0	2764.5	1	2774.5	0	2776.5	1
2779.0	1	2779.5	0	2783.0	1	2791.0	0
2799.5	0	2802.5	1	2808.0	0	2814.0	1
2849.5	1	2851.0	0	2852.0	1	2925.5	0
2966.5	0	2971.5	1	3005.5	0	3010.5	1
3036.0	1	3069.5	0	3070.5	2	3074.5	0
3101.5	0	3102.5	2	3108.0	0	3112.5	2
3122.0	1	3147.0	0	3149.5	2	3181.0	0
3186.0	2	3188.0	1	3188.5	0	3190.5	2
3195.5	1	3209.5	0	3210.0	2	3215.5	0
3223.0	0	3223.5	1	3251.5	0	3252.0	1
3265.0	1	3282.5	0	3284.0	1	3292.0	0
3309.0	0	3310.5	1	3311.5	0	3312.5	1
3323.5	1	3336.5	0	3337.0	1	3342.0	0

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE
 TO - FENWAY
 RIGHT PROFILE

FEET	ZONE								
3351.5	0	3352.0	1	3352.5	0	3353.5	1	3354.0	0
3355.0	1	3356.0	0	3356.5	1	3357.0	0	3357.5	1
3358.0	0	3360.5	1	3362.5	0	3363.0	1	3373.5	0
3377.0	2	3381.5	0	3384.5	1	3400.5	0	3405.0	1
3431.5	0	3437.0	1	3464.5	0	3468.5	1	3492.5	0
3493.0	1	3493.5	0	3494.0	1	3520.0	0	3522.5	1
3523.0	0	3523.5	1	3572.0	0	3578.0	1	3587.5	0
3589.0	2	3590.5	0	3593.0	1	3594.0	3	3596.5	1
3624.0	0	3625.5	1	3657.0	0	3659.0	1	3660.0	0
3662.5	1	3688.0	0	3694.0	1	3698.0	0	3701.0	2
3708.5	0	3710.0	1	3714.0	3	3715.0	1	3729.5	0
3732.5	1	3734.5	0	3739.0	2	3743.0	0	3752.5	1
3762.0	0	3766.0	1	3790.0	0	3796.0	1		

Figure 14 Kenmore to Fenway Park Data (cont'd)

PAGE B 1

FROM - KENMORE
TO - FENWAY
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
7.5	4	1.102	185.5	3	-0.825	214.0	3	-0.789
234.5	3	-0.780	2104.0	4	0.853	2111.0	3	-1.028
2155.5	3	-1.032	2161.0	4	1.106	2166.5	4	0.823
2172.5	3	-1.037	2178.5	3	-0.881	3186.0	5	-1.025
3594.0	3	-0.775	3714.0	3	-0.978			

Figure 14 Kenmore to Fenway Park Data (cont'd)

Figure 14 Kenmore to Fenway Park Data (cont'd)

FROM - KENMORE TO - FENWAY RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	4	14.0	
	0.75	0.25	33	78.0	
2	0.25	-0.25	163	3119.0	
	-0.25	-0.75	144	562.5	
0	-0.75	-99.00	10	26.5	
1					
3					

FROM - FENWAY
TO - LONGWOOD
LEFT PROFILE

FEET	ZONE								
9.0	0	14.5	1	21.0	0	24.0	2	25.0	0
25.5	1	30.5	3	31.5	1	32.0	0	33.0	2
34.0	4	36.5	2	40.5	0	43.0	2	44.5	0
45.0	1	49.5	3	50.0	1	50.5	0	51.0	2
55.0	4	56.0	2	63.0	0	70.5	1	80.0	0
81.0	1	84.5	0	88.0	2	98.5	0	99.5	1
100.0	0	102.0	1	104.0	0	104.5	1	106.5	0
108.0	1	124.5	0	125.0	2	129.0	0	136.0	1
168.5	0	169.5	1	170.0	0	170.5	1	174.5	0
179.0	1	224.0	0	224.5	1	225.0	0	226.0	1
243.5	0	244.0	2	244.5	0	245.0	2	249.0	0
249.5	1	250.0	0	250.5	1	251.0	0	252.0	1
252.5	0	253.0	1	253.5	0	254.0	1	257.0	0
257.5	1	265.5	0	268.5	2	299.0	0	302.0	2
328.5	0	329.5	2	462.5	0	463.5	2	502.0	0
502.5	1	505.0	0	509.0	1	577.5	0	579.0	2
583.0	0	584.0	1	615.0	0	619.5	2	692.0	0
697.0	2	701.5	0	706.5	1	822.5	0	823.0	1
836.5	0	837.0	1	858.0	0	863.0	1	898.0	0
901.5	1	904.5	0	906.5	2	921.5	0	925.5	2
928.5	0	935.0	1	961.5	0	964.0	2	994.0	0
996.0	2	996.5	0	1005.0	2	1040.0	0	1043.5	2
1076.0	0	1080.5	1	1081.0	0	1083.0	2	1086.0	0
1086.5	1	1101.5	0	1103.0	1	1107.0	0	1108.0	2
1131.5	0	1133.5	1	1137.0	0	1138.0	2	1240.5	0
1244.5	1	1246.5	0	1250.0	2	1274.5	0	1275.0	2
1484.0	0	1488.0	1	1495.0	0	1496.5	2	1574.5	0
1579.0	1	1605.0	0	1610.0	1	1610.5	0	1613.5	2
1614.5	4	1615.0	2	1618.0	0	1620.0	1	1631.0	0

Figure 15 Fenway Park to Longwood Data

FROM - FENWAY
TO - LONGWOOD
LEFT PROFILE

FEET	ZONE								
1635.0	2	1638.0	0	1641.0	1	1642.5	3	1644.0	1
1645.5	0	1649.0	2	1651.5	0	1656.5	1	1657.5	0
1667.0	2	1669.5	0	1674.0	1	1734.0	0	1739.5	1
1743.0	0	1745.0	2	1777.0	0	1779.5	1	1849.0	0
1852.5	1	1870.5	0	1874.0	1	1924.5	0	1930.0	2
1932.5	0	1937.0	1	2035.5	0	2039.5	2	2046.5	0
2051.0	1	2121.5	0	2125.5	1	2129.0	0	2133.0	2
2154.0	0	2161.5	1	2162.5	0	2164.0	1	2169.5	0
2172.5	2	2207.0	0	2210.5	2	2225.5	0	2227.5	1
2250.0	0	2254.5	1	2284.0	0	2285.0	1	2335.5	0
2337.0	1	2364.0	0	2367.0	2	2395.0	0	2398.0	2
2400.5	0	2408.5	1	2560.0	0	2560.5	2	2578.5	0
2580.5	2	2617.5	0	2620.0	1	2634.0	0	2634.5	1
2677.0	0	2677.5	1	2711.5	0	2713.0	2	2732.5	0
2733.0	1	2775.5	0	2782.5	1	2785.0	0	2785.5	2
2876.0	0	2879.0	1	2960.5	0	2963.0	2	2970.0	0
2974.5	1	3004.5	0	3005.0	2	3007.5	0	3012.5	1
3018.0	0	3022.0	2	3027.5	0	3028.0	2	3044.0	0
3049.5	1	3066.5	0	3071.0	1	3074.0	0	3076.0	2
3091.5	0	3093.0	2	3094.0	0	3094.5	2	3111.0	0
3114.0	1	3116.5	0	3127.5	2	3129.0	0	3133.5	1
3147.0	0	3147.5	1	3154.0	0	3159.0	2	3174.0	0
3177.0	1	3186.5	0	3187.0	1	3192.0	0	3193.5	2
3203.0	0	3207.5	2	3210.0	0	3213.0	1	3232.5	0
3234.0	1	3234.5	0	3235.0	1	3262.5	0	3267.0	2
3270.0	1	3271.5	0	3272.0	1	3273.5	0	3274.0	2
3275.0	0	3276.5	2	3279.5	0	3284.0	2	3285.0	0
3286.5	1	3288.0	0	3288.5	1	3497.0	0	3498.0	2
3498.5	0	3500.0	4	3505.0	0	3507.0	1	3546.0	0

Figure 15 Fenway Park to Longwood Data (cont'd)

PAGE A 3

FROM - FENWAY
TO - LONGWOOD
LEFT PROFILE

Figure 15 Fenway Park to Longwood Data (cont'd)

Figure 15 Fenway Park to Longwood Data (cont'd)

FROM - FENWAY TO - LONGWOOD LEFT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
30.5	3	-1.121	34.0	4	0.776	49.5	3	-1.137
55.0	4	1.050	1614.5	4	0.868	1642.5	3	-0.798
3271.5	3	-0.942	3500.0	4	1.764			

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	4	7.5
2	0.75	0.25	73	191.5
0	0.25	-0.25	163	3939.0
1	-0.25	-0.75	97	249.5
3	-0.75	-99.00	4	12.5

FROM - FENWAY
TO - LONGWOOD
LEFT PROFILE

Figure 15 Fenway Park to Longwood Data (cont'd)

FROM - FENWAY
TO - LONGWOOD
RIGHT PROFILE

FEET	ZONE								
3.5	3	4.5	1	5.0	0	9.0	2	15.0	0
21.0	1	40.5	0	41.0	2	42.5	0	44.0	1
48.0	3	48.5	1	49.0	0	50.0	2	53.5	4
57.0	2	59.0	4	59.5	2	60.0	0	60.5	1
65.0	3	70.0	1	71.0	3	72.5	1	75.0	0
80.0	2	82.5	0	83.0	2	95.5	0	96.0	1
97.5	0	100.5	1	101.0	0	102.0	1	109.0	0
115.0	1	129.5	0	133.5	1	246.5	0	247.0	2
302.5	0	303.5	1	317.0	0	320.0	1	323.5	0
326.5	2	332.0	0	342.0	1	368.0	0	369.5	1
399.0	0	399.5	1	431.0	0	431.5	1	439.5	0
440.0	1	441.5	0	444.5	1	445.0	0	448.5	1
449.0	0	450.0	1	457.5	0	460.0	1	469.5	0
472.5	1	481.0	0	485.0	1	492.5	0	511.5	1
512.0	0	512.5	1	526.0	0	546.5	1	557.0	0
561.0	1	566.0	0	597.5	1	606.0	0	612.0	1
622.0	0	635.5	1	649.0	0	657.0	1	667.5	0
675.5	1	683.5	0	685.0	1	691.5	0	694.5	1
700.0	0	706.0	1	721.5	0	722.0	1	743.5	0
744.5	1	818.0	0	823.0	1	859.0	0	864.0	1
897.5	0	903.0	1	919.5	0	928.5	1	962.0	0
963.0	2	967.0	0	969.5	1	994.0	0	994.5	2
1000.5	0	1005.0	2	1009.5	0	1014.5	1	1039.5	0
1042.0	2	1073.0	0	1075.5	1	1078.0	3	1080.5	1
1081.0	0	1083.0	2	1086.0	0	1088.0	1	1101.5	0
1102.5	2	1107.0	0	1107.5	1	1108.0	0	1113.5	1
1144.0	0	1144.5	1	1156.0	0	1157.5	1	1174.5	0
1176.5	1	1184.5	0	1185.5	1	1201.5	0	1203.0	1
1204.0	0	1205.0	1	1215.0	0	1216.0	1	1229.0	0

Figure 15 Fenway Park to Longwood Data (cont'd)

FROM - FENWAY
TO - LONGWOOD
RIGHT PROFILE

	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1229.5	1	1234.5	0	1237.5	2	1244.0	0	1246.0	1	
1246.5	0	1247.5	1	1248.0	0	1249.0	1	1250.5	0	
1251.5	1	1252.0	0	1253.0	1	1254.5	0	1255.5	1	
1266.0	0	1269.5	2	1274.0	0	1277.0	1	1292.5	0	
1297.5	1	1324.0	0	1329.5	1	1357.0	0	1361.0	1	
1385.0	0	1386.5	1	1413.0	0	1415.0	1	1464.5	0	
1470.0	1	1479.5	0	1481.0	2	1483.0	0	1485.5	1	
1486.0	3	1489.0	1	1514.5	0	1515.0	1	1516.5	0	
1518.0	1	1549.0	0	1551.5	1	1552.5	0	1554.5	1	
1580.0	0	1586.5	1	1590.5	0	1593.5	2	1601.0	0	
1602.5	1	1606.0	3	1607.0	1	1621.5	0	1625.0	1	
1627.0	0	1631.5	2	1635.5	0	1644.0	1	1644.5	0	
1645.0	1	1654.5	0	1658.0	1	1682.5	0	1688.5	1	
1730.0	0	1738.0	1	1775.0	0	1781.5	1	1810.5	0	
1814.5	1	1850.5	0	1856.0	1	1871.5	0	1875.5	1	
1891.5	0	1896.5	1	1925.5	0	1929.5	2	1931.5	0	
1934.0	1	1934.5	3	1937.5	1	1966.5	0	1970.0	1	
2016.5	0	2019.0	1	2024.0	0	2025.5	1	2042.5	0	
2050.0	1	2055.5	0	2057.5	1	2089.0	0	2094.0	1	
2117.0	0	2125.0	1	2129.0	0	2132.0	2	2136.0	0	
2143.0	1	2156.5	0	2159.0	1	2163.5	0	2164.5	1	
2181.5	0	2186.0	1	2197.0	0	2204.5	1	2207.0	0	
2210.0	2	2222.5	0	2227.0	1	2251.5	0	2256.5	1	
2317.0	0	2322.0	1	2325.0	0	2326.5	2	2333.5	0	
2339.5	1	2373.5	0	2379.0	1	2399.5	0	2402.0	1	
2405.5	3	2407.5	1	2436.5	0	2440.5	1	2514.0	0	
2516.5	1	2520.5	0	2521.0	2	2524.0	0	2529.5	1	
2550.5	0	2555.0	1	2616.5	0	2622.0	1	2648.5	0	
2658.5	1	2774.5	0	2781.0	1	2798.5	0	2804.5	1	

Figure 15 Fenway Park to Longwood Data (cont'd)

FROM - FENWAY
TO - LONGWOOD
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2807.0	0	2809.5	2	2815.5	0	2841.0	0
2842.5	1	2890.5	0	2894.5	1	2906.0	1
2917.5	0	2918.0	1	2979.5	0	2986.5	1
3008.0	1	3008.5	0	3009.0	1	3043.5	0
3061.0	0	3067.5	1	3070.0	0	3072.0	1
3098.0	1	3111.0	0	3114.5	1	3123.0	0
3130.5	0	3133.0	1	3133.5	0	3142.5	1
3166.5	1	3172.0	0	3177.5	1	3182.5	0
3189.0	0	3189.5	1	3193.5	0	3197.5	2
3202.5	1	3213.5	0	3214.0	1	3219.0	0
3222.0	0	3223.5	1	3249.0	0	3250.0	1
3252.0	1	3266.5	0	3267.5	1	3271.5	3
3274.0	0	3276.5	2	3279.0	0	3283.5	2
3289.0	1	3310.0	0	3312.5	1	3313.0	0
3317.0	0	3318.0	1	3319.0	0	3319.5	1
3329.0	1	3335.5	0	3338.0	1	3358.5	0
3404.5	0	3407.5	1	3422.0	0	3422.5	1
3463.5	1	3473.5	0	3476.0	1	3476.5	0
3489.5	0	3490.5	1	3499.5	0	3500.0	4
3510.0	1	3537.0	0	3538.5	1	3549.0	0
3572.5	0	3578.0	1	3655.5	0	3660.5	1
3693.0	1	3695.5	0	3694.0	1	3750.0	0
3763.5	0	3767.5	1	3788.0	0	3796.5	1
3822.0	1	3829.5	0	3839.0	1	3873.5	0
3899.0	0	3900.0	1	3900.5	0	3901.0	1
3915.5	1	3924.0	0	3926.5	1	3984.5	0
4029.5	0	4033.5	1	4054.5	0	4056.5	1
4058.0	1	4091.5	0	4093.5	1	4115.5	0
4138.0	0	4146.5	1	4188.5	0	4194.5	1

Figure 15 Fenway Park to Longwood Data (cont'd)

FROM - FENWAY TO - LONGWOOD RIGHT PROFILE					
FEET	ZONE	FEET	ZONE	FEET	ZONE
4206.0	2	4216.5	0	4217.0	1
4232.0	0	4236.5	1	4288.5	0
4316.5	1	4322.0	0	4327.5	1
				4293.5	1
				4357.5	0
				4217.5	0
				4293.5	1
				4357.5	0
				4219.0	1
				4314.5	0
				4362.0	1

Figure 15 Fenway Park to Longwood Data (cont'd)

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FROM - FENWAY TO - LONGWOOD RIGHT PROFILE					
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
3.5	3	-1.034	48.0	3	-1.037
59.0	4	0.868	65.0	3	-1.064
1078.0	3	-1.031	1486.0	3	-0.788
1934.5	3	-0.751	2405.5	3	-0.911
3500.0	4	1.457			

Figure 15 Fenway Park to Longwood Data (cont'd)

Figure 15 Fenway Park to Longwood Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	
				FROM - FENWAY	TO - LONGWOOD
4	.99 .00	.0 .75	3	6.0	
2	.0 .75	.0 .25	31	76.5	
0	.0 .25	-.0 .25	213	3570.5	
1	-.0 .25	-.0 .75	193	719.5	
3	-.0 .75	-.99 .00	10	27.5	

FROM - LONGWOOD
TO - BROOKLINE VILLAGE
LEFT PROFILE

FEET	ZONE								
77.5	0	80.5	1	162.5	0	163.5	2	171.0	0
176.0	1	206.0	0	205.5	2	209.0	0	214.0	1
219.5	0	223.5	2	229.0	0	229.5	2	245.5	0
251.0	1	268.0	0	272.5	1	277.5	0	277.5	2
291.0	0	294.5	2	295.5	0	296.0	2	312.5	0
315.5	1	318.0	0	323.0	2	323.5	0	329.0	2
330.5	0	335.0	1	348.5	0	349.0	1	349.5	0
350.0	1	356.0	0	360.0	2	375.5	0	378.5	1
379.0	0	379.5	1	388.0	0	388.5	1	393.5	0
394.5	2	404.5	0	409.0	2	411.5	0	414.5	1
433.5	0	436.5	1	464.5	0	468.5	2	471.5	1
473.0	3	473.5	1	475.0	0	475.5	2	476.5	0
478.0	2	481.0	0	485.5	2	486.0	0	488.0	1
489.5	0	490.0	1	706.5	0	709.0	1	747.5	0
748.0	2	791.0	0	791.5	1	792.0	0	792.5	1
819.5	0	821.5	1	897.0	0	897.5	1	902.0	0
902.5	2	906.5	0	907.5	1	921.0	0	925.5	2
953.0	0	963.5	1	964.0	0	967.5	1	974.5	0
978.5	2	992.0	0	997.5	1	998.0	0	998.5	1
1116.0	0	1116.5	1	1155.0	0	1157.5	1	1186.0	0
1190.5	1	1220.5	0	1222.5	2	1226.0	0	1226.5	1
1248.0	0	1252.0	2	1267.5	0	1269.5	1	1279.0	0
1280.5	2	1319.0	0	1323.5	1	1339.0	0	1339.5	1
1340.0	0	1342.5	1	1351.5	0	1354.5	2	1459.6	0
1457.0	2	1519.0	0	1519.5	1	1525.0	0	1527.5	1
1656.0	0	1659.0	2	1661.5	0	1663.5	1	1665.0	0
1668.0	1	1677.0	0	1680.0	2	1728.5	0	1737.0	1
1736.0	0	1740.0	2	1753.5	0	1764.0	1	1784.7	0
1789.5	2	1798.0	0	1804.5	1	1814.0	0	1815.5	1

Figure 16 Longwood to Brookline Village Data

FROM - LONGWOOD
TO - BROOKLINE VILLAGE
LEFT PROFILE

FEET	ZONE								
1828.5	0	1835.5	1	1851.5	0	1852.0	2	1903.5	0
1905.5	2	1998.5	0	2001.0	2	2014.5	0	2024.5	1
2030.0	0	2033.0	2	2144.0	0	2144.5	1	2160.0	0
2183.5	1	2209.0	0	2212.0	2	2215.0	0	2216.5	1
2237.0	0	2239.5	1	2258.0	0	2261.0	1	2274.0	0
2275.5	1	2279.5	0	2280.5	2	2281.0	0	2281.5	2
2292.5	0	2293.0	2	2324.5	0	2326.0	1	2382.5	0
2364.5	1	2393.5	0	2394.0	2	2428.5	0	2429.0	1
2440.5	0	2445.0	2	2452.0	0	2455.5	1	2506.5	0
2507.5	2	2510.5	0	2516.0	1	2519.0	0	2523.5	2
2555.5	0	2557.0	2	2579.0	0	2582.0	1	2597.0	0
2597.5	2	2598.0	0	2598.5	2	2665.5	0	2667.5	1
2683.5	0	2685.0	2	2687.0	0	2687.5	2	2697.5	0
2703.0	1	2708.5	0	2709.5	2	2714.0	0	2715.0	1
2725.0	0	2726.0	2	2726.5	0	2727.0	2	2742.0	0
2742.5	1	2743.0	0	2745.0	1	2763.0	0	2767.0	1
2802.5	0	2803.0	1	2803.5	0	2804.5	1	2809.0	0
2809.5	2	2863.0	0	2864.5	1	2891.5	0	2892.0	1
2892.5	0	2895.0	1	2979.0	0	2986.0	1	2989.5	0
2995.0	2	3127.0	0	3131.0	1	3155.0	0	3156.0	1
3160.5	0	3164.0	2	3184.5	0	3187.0	1	3206.0	0
3210.0	1	3241.5	0	3245.5	1	3272.5	0	3276.0	1
3283.0	0	3287.5	2	3301.0	0	3306.5	1	3316.0	0
3323.5	2	3328.5	0	3336.0	1	3355.0	0	3360.5	1
3386.5	0	3390.0	1	3394.5	0	3397.0	2	3419.5	0
3422.0	2	3485.0	0	3485.5	1	3502.5	0	3506.5	1
3530.5	0	3537.5	1	3549.5	0	3553.5	2	3559.0	0
3564.0	1	3569.5	0	3590.0	1	3593.5	0	3593.5	1
3608.5	0	3610.5	1	3627.0	0	3632.0	1	3658.0	0

Figure 16 Longwood to Brookline Village Data (cont'd)

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD TO - BROOKLINE VILLAGE LEFT PROFILE				PAGE A 3			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3662.5	1	3665.0	0	3666.5	2	3754.0	0
3813.5	0	3818.0	1	3838.5	0	3844.5	0
3847.0	1	3848.0	3	3850.0	1	3855.5	2
3927.0	0	3928.5	1	4010.0	0	4016.5	2
4080.0	1	4212.0	0	4214.5	1	4217.0	0
4221.0	0	4222.5	1	4227.0	0	4227.5	2
4235.0	2	4246.0	0	4250.5	1	4278.5	0
4308.0	0	4308.5	2	4310.0	0	4311.0	2
4349.0	1	4349.5	0	4352.0	1	4374.0	0
4570.5	0	4575.0	1	4630.5	0	4631.0	1
4700.5	2	4708.0	0	4713.0	1	4733.5	0
4743.5	0	4747.5	2	4755.5	0	4761.0	1
4790.5	1	4822.0	0	4825.5	1	4851.5	0
4883.5	0	4885.5	1	4909.5	0	4910.5	1
4965.5	2	4968.5	0	4971.0	1	5025.5	0
5026.5	0	5028.0	1	5030.5	0	5091.5	2
5146.5				5199.0		5144.0	

Figure 16 Longwood to Brookline Village Data (cont'd)

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FROM - LONGWOOD
TO - BROOKLINE VILLAGE
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
473.0	3	-0.951	1665.0	3	-0.914
			3848.0	3	-0.812

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD TO - BROOKLINE VILLAGE LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	.99.00	.0.75	0	0.0	
2	0.75	0.25	74	172.0	
0	0.25	-0.25	183	4708.0	
1	-0.25	-0.75	112	316.0	
3	-0.75	-99.00	3	4.0	

FROM - LONGWOOD
TO - BROOKLINE VILLAGE
RIGHT PROFILE

FEET	ZONE												
6.0	1	8.5	0	11.0	2	15.0	0	17.5	1	20.5	1	25.0	1
16.0	0	16.5	1	17.0	0	17.5	1	18.0	0	18.5	1	19.0	0
44.0	1	92.0	0	96.5	1	102.0	0	107.5	1	107.5	1	110.0	0
119.0	0	120.0	1	121.0	0	121.5	1	121.5	1	121.5	1	121.5	0
188.0	1	207.0	0	209.5	1	245.5	0	245.5	0	250.5	1	250.5	1
262.5	0	269.0	1	271.5	0	273.5	1	273.5	1	292.5	0	292.5	0
299.5	1	312.5	0	316.0	1	324.5	0	324.5	0	329.0	2	329.0	2
332.0	0	334.5	1	335.0	0	343.0	1	343.0	1	343.5	0	343.5	0
344.0	1	367.0	0	368.5	1	373.5	0	373.5	0	379.5	1	379.5	1
384.0	0	389.5	1	390.5	0	391.0	1	391.0	1	395.0	0	395.0	0
399.0	2	402.0	0	402.5	1	403.0	0	403.0	0	404.0	1	404.0	1
415.0	0	415.5	1	420.5	0	423.0	1	423.0	1	423.5	0	423.5	0
425.0	1	450.5	0	451.5	1	452.5	0	452.5	0	453.5	1	453.5	1
468.0	0	469.5	1	473.0	3	473.5	1	473.5	1	475.5	0	475.5	0
478.0	2	480.5	0	485.5	2	488.0	0	488.0	0	490.5	1	490.5	1
503.5	0	504.0	1	511.5	0	514.0	1	514.0	1	514.5	0	514.5	0
515.0	1	518.5	0	519.5	1	520.5	0	520.5	0	521.0	1	521.0	1
527.0	0	531.0	1	537.0	0	539.5	1	539.5	1	560.0	0	560.0	0
560.5	1	606.0	0	609.0	1	622.5	0	622.5	0	623.0	1	623.0	1
623.5	0	624.0	1	624.5	0	625.0	1	625.0	1	663.0	0	663.0	0
665.0	1	675.0	0	677.5	1	678.0	0	678.0	0	678.5	1	678.5	1
691.0	0	692.0	1	706.0	0	711.5	1	711.5	1	738.5	0	738.5	0
740.0	1	750.5	0	756.5	1	774.5	0	774.5	0	780.0	1	780.0	1
857.5	0	862.0	1	893.5	0	894.5	1	894.5	1	895.0	0	895.0	0
895.5	1	951.5	0	960.0	1	965.0	0	965.0	0	969.0	1	969.0	1
990.0	0	998.0	1	1022.0	0	1023.5	1	1023.5	1	1031.0	0	1031.0	0
1041.0	1	1075.5	0	1080.5	1	1100.5	0	1100.5	0	1102.5	1	1102.5	1
1113.0	0	1117.0	1	1125.5	0	1128.5	1	1128.5	1	1186.0	0	1186.0	0
1190.0	0	1231.0	0	1235.0	1	1256.5	0	1256.5	0	1256.5	1	1256.5	1

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD
TO - BROOKLINE VILLAGE
RIGHT PROFILE

FEET	ZONE								
1259.0	0	1259.5	1	1293.0	0	1295.0	1	1317.0	0
1325.0	1	1339.5	0	1348.0	1	1389.5	0	1396.0	1
1406.5	0	1407.5	2	1419.0	0	1421.0	1	1423.5	0
1438.0	1	1490.0	0	1495.0	1	1517.5	0	1518.0	1
1523.5	0	1529.0	1	1559.0	0	1563.5	1	1622.0	0
1626.0	1	1760.0	0	1763.0	1	1764.0	3	1766.5	1
1797.5	0	1801.5	1	1847.5	0	1850.0	1	1851.5	3
1854.5	1	1861.0	0	1862.0	2	1866.5	0	1867.0	1
1874.0	0	1875.5	1	1888.5	0	1894.0	1	1952.5	0
1955.0	1	1974.0	0	1975.5	1	1981.0	0	1982.0	2
1986.5	0	1987.0	1	1987.5	0	1989.5	1	2004.5	0
2007.0	1	2014.5	0	2023.0	1	2038.0	0	2042.0	2
2065.0	0	2066.5	1	2075.5	0	2076.0	1	2104.0	0
2108.0	1	2124.5	0	2128.0	1	2148.5	0	2154.5	1
2157.5	0	2160.0	2	2162.5	0	2166.0	1	2175.5	0
2179.5	1	2195.5	0	2199.0	1	2219.5	0	2222.5	1
2247.0	0	2250.5	1	2295.0	0	2296.5	1	2346.5	0
2351.5	1	2398.5	0	2401.0	1	2421.5	0	2427.0	1
2448.5	0	2457.0	1	2484.5	0	2486.5	1	2511.5	0
2515.5	1	2536.0	0	2537.5	1	2545.5	0	2550.5	1
2573.5	0	2577.5	1	2594.5	0	2595.5	1	2603.0	0
2603.5	1	2706.5	0	2710.0	1	2710.5	0	2711.0	1
2722.5	0	2726.0	2	2737.5	0	2742.0	1	2748.5	0
2751.5	1	2762.5	0	2767.5	1	2781.5	0	2784.0	1
2799.0	0	2799.5	1	2815.0	0	2818.0	1	2822.0	0
2823.5	2	2850.0	0	2855.0	1	2906.5	0	2913.0	1
2995.0	0	2998.0	1	2998.5	3	3001.5	1	3027.5	0
3030.0	1	3082.0	0	3087.5	1	3099.0	0	3101.5	1
3109.0	0	3113.0	2	3130.0	0	3133.5	1	3144.0	0

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD
TO - BROOKLINE VILLAGE
RIGHT PROFILE

Figure 16 Longwood to Brookline Village Data (cont'd)

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD TO - BROOKLINE VILLAGE RIGHT PROFILE						FROM - LONGWOOD TO - BROOKLINE VILLAGE LEFT PROFILE					
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
4970.5	0	4973.5	1	4993.5	0	5000.0	1	5000.5	0	5000.5	0
5001.0	1	5001.5	0	5006.5	1	5059.5	0	5059.5	1	5060.0	1
5085.5	0	5088.5	1	5118.5	0	5119.0	1				

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FROM - LONGWOOD
TO - BROOKLINE VILLAGE
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
473.0	3	-0.972	1764.0	3	-0.839	1851.5	3	-0.809
2998.5	3	-0.767	3353.5	3	-0.893	3591.0	3	-0.750
4377.0	3	-1.028						

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - LONGWOOD TO - BROOKLINE VILLAGE RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	
4	99.00	0.75	0	0.0	
2	0.75	0.25	27	66.5	
0	0.25	-0.25	217	4437.0	
1	-0.25	-0.75	198	683.5	
3	-0.75	-99.00	7	13.0	

Figure 16 Longwood to Brookline Village Data (cont'd)

FROM - BROOKLINE VILLAGE
 TO - BROOKLINE HILLS
 LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
20.5	0	28.0	1	40.0	0	43.5	2
54.5	1	80.0	0	84.0	1	98.5	0
117.5	0	122.0	1	148.5	0	153.0	1
156.5	2	244.5	0	246.0	2	250.0	0
304.0	0	308.0	1	335.0	0	337.5	1
340.5	1	343.0	0	346.0	2	417.5	0
565.5	0	570.5	1	702.5	0	784.5	1
708.0	2	711.5	0	713.0	1	717.0	0
721.0	0	725.5	2	736.0	0	741.0	1
769.5	1	774.5	0	775.0	1	800.5	0
839.0	0	842.5	1	863.5	0	868.0	1
1065.5	1	1120.5	0	1121.5	1	1188.5	0
1198.5	0	1203.0	1	1224.0	0	1224.5	1
1237.5	2	1245.0	0	1251.5	1	1278.5	0
1279.5	0	1280.0	1	1280.5	0	1281.0	1
1316.0	1	1342.0	0	1343.5	1	1374.0	0
1400.0	0	1401.0	1	1453.5	0	1455.5	2
1461.5	1	1516.0	0	1516.5	1	1517.0	0
1580.5	0	1582.0	2	1634.5	0	1636.5	2
1692.5	1	1693.0	0	1693.5	1	1701.5	0
1806.5	0	1811.0	1	1843.0	0	1845.5	1
1862.5	2	1863.0	0	1863.5	2	1868.5	0
1888.5	0	1891.0	2	1893.5	0	1897.5	1
1921.0	2	1952.5	0	1958.5	1	1964.5	0
1982.0	0	1985.0	1	2023.0	0	2025.0	1
2044.0	1	2124.5	0	2125.0	2	2132.5	0
2157.5	0	2162.0	1	2205.5	0	2206.0	2
2210.0	2	2217.5	0	2221.0	1	2221.5	0
2251.0	1	2251.5	0	2252.0	0	2255.0	1

Figure 17 Brookline Village to Brookline Hills Data

FROM - BROOKLINE VILLAGE
 TO - BROOKLINE HILLS
 LEFT PROFILE

FEET	ZONE								
2288.0	1	2311.0	0	2315.0	2	2340.5	0	2342.5	2
2346.0	0	2347.0	1	2347.5	3	2348.0	1	2348.5	3
2351.5	1	2353.0	0	2353.5	1	2354.0	0	2354.5	1
2355.0	0	2355.5	1	2360.5	0	2363.0	2	2420.5	0
2421.0	2	2447.5	0	2448.0	2	2488.5	0	2492.0	1
2520.5	0	2524.5	1	2607.5	0	2609.0	1	2624.0	0
2624.5	2	2625.0	0	2625.5	2	2636.0	0	2636.5	2
2642.0	0	2644.0	1	2725.0	0	2727.0	2	2755.5	0
2757.0	1	2815.5	0	2818.5	2	2828.5	0	2830.0	2
2839.0	0	2844.5	1	2848.5	0	2853.5	2	2862.5	0
2865.0	1	2943.5	0	2950.0	1	2955.0	0	2961.0	2
2965.0	0	2967.5	1	3122.0	0	3123.0	2	3141.0	0
3141.5	2	3281.5	0	3288.0	1	3298.5	0	3300.5	2
3306.5	0	3307.5	2	3321.5	0	3322.0	2	3390.5	0
3392.0	1	3392.5	0	3393.0	1	3431.0	0	3452.5	2
3455.0	0	3456.5	1	3457.5	0	3460.5	1	3463.0	0
3467.0	2	3470.0	0	3471.5	1	3479.0	0	3480.5	1
3481.5	0	3485.5	2	3493.0	0	3493.5	2	3495.0	0
3497.0	1	3498.0	0	3498.5	1	3539.0	0	3541.0	1
3551.5	0	3554.0	1	3556.5	0	3560.5	2	3569.5	0
3570.5	2	3574.5	0	3579.5	1	3606.0	0	3609.5	1
3616.0	0	3619.5	2	3630.5	0	3635.5	1	3639.0	0
3640.0	2	3643.5	0	3648.5	2	3650.0	0	3655.5	1
3664.5	0	3665.0	2	3672.0	0	3676.5	1	3683.0	0
3686.0	2	3691.5	0	3693.0	1	3719.0	0	3722.0	2
3750.0									

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

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FROM - BROOKLINE VILLAGE
 TO - BROOKLINE HILLS
 LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
338.5	3	-0.829	2347.5	3	-0.826	2348.5	3	-0.755

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

FROM - BROOKLINE VILLAGE TO - BROOKLINE HILLS LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	0	0.0	
2	0.75	0.25	52	111.0	
0	0.25	-0.25	133	3453.0	
1	-0.25	-0.75	84	234.0	
3	-0.75	-99.00	3	2.0	

FROM - BROOKLINE VILLAGE
TO - BROOKLINE HILLS
RIGHT PROFILE

FEET	ZONE								
1.5	1	16.0	0	28.0	1	35.5	0	41.5	2
48.5	0	54.5	1	58.5	0	62.0	1	71.0	0
71.5	2	72.0	0	76.0	2	78.0	0	85.0	1
107.5	0	114.0	1	136.5	0	142.5	1	196.5	0
198.5	1	247.0	0	248.9	1	377.5	0	279.0	2
281.5	0	286.0	1	297.5	0	305.5	1	338.0	0
342.0	1	365.5	0	367.0	2	368.5	0	369.0	2
425.0	0	428.0	1	457.5	0	463.5	1	483.5	0
489.0	1	538.0	0	542.0	1	553.0	0	554.0	2
560.0	0	562.0	1	591.5	0	597.0	1	624.0	0
630.5	1	648.0	0	651.0	1	678.0	0	681.0	1
709.5	0	710.5	1	728.0	0	730.0	1	731.0	0
737.0	1	758.0	0	759.5	1	781.5	0	786.5	1
862.5	0	863.5	1	867.5	3	868.0	1	878.0	0
878.5	2	879.0	0	880.5	2	888.5	0	889.5	1
890.0	0	892.5	1	898.5	0	902.5	2	905.5	0
916.5	1	941.0	0	948.0	1	982.5	0	985.5	1
1014.5	0	1015.5	1	1052.5	0	1058.5	1	1094.5	0
1097.5	1	1198.0	0	1206.5	1	1244.5	0	1250.5	1
1255.5	0	1256.0	1	1256.5	0	1257.0	1	1257.5	0
1260.0	1	1290.0	0	1294.0	1	1317.0	0	1317.5	1
1332.5	0	1337.0	1	1345.0	0	1345.5	2	1358.5	0
1364.5	1	1369.0	0	1372.0	2	1431.5	0	1435.5	1
1461.0	0	1464.0	1	1484.0	0	1496.5	1	1550.0	0
1550.5	1	1575.5	0	1576.0	1	1576.5	0	1579.0	1
1609.0	0	1609.5	1	1721.0	0	1726.0	1	1782.0	0
1787.0	1	1810.5	0	1814.0	1	1839.5	0	1847.0	1
1866.0	0	1873.0	1	1897.0	0	1903.0	1	1957.0	0
1960.5	1	1964.0	0	1966.0	2	1987.5	0	1992.0	1

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

FROM - BROOKLINE VILLAGE
TO - BROOKLINE HILLS
RIGHT PROFILE

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FEET	ZONE								
2019.0	0	2020.5	1	2044.5	0	2050.0	1	2095.5	0
2091.5	1	2104.0	0	2108.5	1	2137.5	0	2143.0	1
2156.5	0	2162.5	1	2198.0	0	2204.0	1	2217.0	0
2222.0	1	2249.0	0	2252.5	1	2286.5	0	2291.5	1
2316.0	0	2319.5	1	2320.0	3	2323.0	1	2341.0	0
2342.0	2	2346.0	0	2353.0	1	2378.5	0	2384.0	1
2409.5	0	2416.0	1	2421.0	0	2424.0	2	2445.0	0
2449.0	1	2477.5	0	2481.5	1	2487.5	0	2492.0	1
2511.5	0	2512.5	1	2537.5	0	2538.0	1	2632.0	0
2632.5	1	2679.5	0	2686.5	1	2721.0	0	2722.0	1
2731.0	0	2731.5	1	2732.0	0	2733.5	1	2752.0	0
2756.0	1	2789.0	0	2790.0	1	2853.5	0	2855.5	1
2882.0	0	2883.5	1	2907.5	0	2908.0	1	2943.0	0
2945.0	1	2948.0	3	2950.5	1	2957.5	0	2962.0	2
3014.0	0	3014.5	1	3015.0	0	3020.5	1	3079.0	0
3083.0	1	3084.5	0	3087.5	2	3094.5	0	3098.0	1
3101.0	0	3106.0	1	3123.5	0	3136.0	1	3142.0	0
3146.5	1	3157.0	0	3162.0	1	3171.0	0	3176.0	1
3176.5	0	3182.0	1	3196.5	0	3203.0	1	3217.0	0
3220.5	1	3225.5	0	3232.5	1	3235.5	0	3246.5	1
3261.0	0	3266.0	1	3277.5	0	3278.5	1	3280.5	0
3281.0	1	3350.5	0	3357.0	1	3376.0	0	3380.0	1
3388.5	0	3396.0	1	3458.0	0	3462.5	1	3469.0	0
3473.0	1	3490.0	0	3490.5	2	3495.0	0	3502.5	1
3527.0	0	3527.5	1	3528.0	0	3530.5	1	3552.0	0
3555.0	1	3558.5	0	3559.5	2	3571.0	0	3572.0	2
3573.5	0	3574.5	2	3576.5	0	3583.0	1	3597.5	0
3598.0	1	3607.0	0	3610.5	1	3615.0	0	3615.5	2
3622.5	0	3628.0	1	3628.5	0	3629.0	1	3634.5	0

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

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FROM - BROOKLINE VILLAGE
TO - BROOKLINE HILLS
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3635.5	1	3640.0	0	3641.0	2	3644.0	0
3647.0	0	3648.0	2	3654.0	0	3658.5	1
3674.0	1	3692.5	0	3698.0	1	3750.5	0

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

PAGE B 1

FROM - BROOKLINE VILLAGE
TO - BROOKLINE HILLS
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
867.5	3	-1.033	2320.0	3	-0.801	2948.0	3	-0.933

FROM - BROOKLINE VILLAGE
 TO - BROOKLINE HILLS
 RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	0	0.0
2	0.75	0.25	25	45.0
0	0.25	-0.25	149	3213.0
1	-0.25	-0.75	128	534.5
3	-0.75	-99.00	3	7.5

Figure 17 Brookline Village to Brookline Hills Data (cont'd)

FROM - BROOKLINE HILLS
TO - BEACONSFIELD
LEFT PROFILE

FEET	ZONE										
3.0	2	7.5	0	10.5	1	143.5	0	144.0	1	174.5	0
169.5	0	170.0	1	170.5	0	174.0	1	174.5	0	188.5	1
175.0	1	183.5	0	184.0	2	188.0	0	188.5	1	324.0	0
225.0	0	227.0	1	257.0	0	259.0	1	475.0	2	512.0	0
331.0	1	433.0	0	437.0	1	473.5	0	528.0	2	594.0	0
497.0	0	503.0	1	505.5	0	509.0	2	622.0	1	662.0	0
514.0	1	520.0	0	523.5	1	524.0	0	673.0	0	686.0	0
537.0	0	541.5	1	580.5	0	584.0	1	691.0	2	714.0	0
597.0	1	599.0	0	602.0	2	617.0	0	726.0	0	737.0	1
648.0	0	653.0	1	659.0	0	662.0	2	763.5	2	826.0	1
678.0	1	681.5	0	682.5	2	686.0	0	878.0	0	907.5	1
691.5	0	698.5	1	714.0	0	719.5	1	952.0	0	1024.5	1
727.0	2	733.5	0	737.0	1	761.5	0	1138.5	0	1140.0	1
791.0	0	794.0	1	825.5	0	826.0	1	1192.5	1	1217.5	0
878.5	1	906.5	0	1021.0	1	1024.5	1	1260.5	0	1263.5	1
1020.5	0	1021.0	1	1107.0	0	1113.0	1	1326.5	0	1338.5	0
1082.0	1	1160.0	0	1163.5	1	1188.0	0	1459.5	1	1482.5	0
1160.0	0	1222.5	1	1236.5	0	1242.0	1	1526.5	0	1531.0	1
1325.5	0	1339.0	2	1326.0	1	1326.5	0	1564.5	0	1568.5	1
1339.0	2	1486.5	0	1453.5	0	1459.5	1	1606.0	0	1608.0	1
1486.5	0	1561.5	2	1487.0	1	1526.5	0	1636.5	0	1641.5	2
1561.5	2	1628.0	0	1564.5	0	1568.5	1	1719.0	2	1722.0	0
1628.0	0	1676.5	1	1632.0	1	1636.5	0	1719.0	0	1730.5	1
1676.5	1	1793.5	0	1715.0	0	1719.0	2	1800.0	0	1802.5	1
1793.5	0	1836.5	2	1797.5	2	1800.0	0	1876.5	2	1878.5	0
1836.5	2	1946.0	0	1872.0	0	1876.5	2	1951.5	0	1953.0	1
1946.0	0	2020.5	1	1948.0	1	1951.5	0	2084.5	1	2085.0	0
2020.5	1			2083.5	0					2085.5	1

Figure 18 Brookline Hills to Beaconsfield Data

FROM - BROOKLINE HILLS
TO - BEACONSFIELD,
LEFT PROFILE

FEET	ZONE								
2086.0	0	2086.5	1	2113.0	0	2114.5	1	2178.0	0
2181.0	1	2184.5	0	2186.0	2	2213.0	0	2213.5	1
2240.0	0	2241.0	1	2283.0	0	2286.0	2	2288.5	0
2289.0	1	2289.5	0	2290.0	1	2297.5	0	2300.0	2
2313.0	0	2315.5	1	2316.0	0	2317.5	1	2347.0	0
2349.5	1	2351.0	3	2354.5	1	2358.0	0	2359.0	2
2366.5	0	2367.0	1	2367.5	0	2371.5	1	2398.0	0
2402.5	1	2421.5	0	2425.5	1	2428.0	0	2431.0	2
2451.0	0	2453.0	1	2482.0	0	2486.5	1	2508.0	0
2512.5	1	2515.0	0	2516.5	2	2535.5	0	2538.5	1
2540.0	3	2542.5	1	2567.0	0	2569.0	1	2595.0	0
2599.5	1	2626.5	0	2627.0	1	2648.0	0	2649.5	2
2653.5	0	2665.0	1	2684.0	0	2686.5	1	2715.0	0
2716.0	1	2741.5	0	2742.0	1	2742.5	0	2744.5	1
2748.0	0	2749.5	2	2838.0	0	2841.5	1	2857.0	0
2861.5	1	2865.0	0	2865.5	2	2869.5	0	2871.0	1
2871.5	0	2872.0	1	2925.5	0	2926.5	1	2981.5	0
2982.0	1	2982.5	0	2985.0	1	2995.0	0	2995.5	2
3009.0	0	3014.0	1	3069.0	0	3072.5	1	3078.0	0
3078.5	2	3098.0	0	3100.0	1	3127.0	0	3127.5	2
3246.0	0	3247.5	1	3304.5	0	3308.0	1	3308.5	0
3309.0	1	3329.0	0	3334.5	1	3364.0	0	3367.5	1
3368.0	0	3368.5	1	3369.0	0	3369.5	1	3391.0	0
3394.0	1	3418.0	0	3418.5	1	3441.5	0	3445.0	1
3472.5	0	3480.5	1	3481.0	0	3482.5	1	3504.5	0
3506.0	1	3561.0	0	3565.0	1	3619.0	0	3622.0	1
3705.0	0	3712.0	1	3766.0	0	3769.0	1	3936.5	0
3939.5	1	4024.0	0	4026.5	1	4053.5	0	4054.0	1
4081.0	0	4134.0	1					4143.0	0

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS
 TO - BEACONSFIELD
 LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
4146.0	1	4148.0	3	4151.0	1	4154.0	2
4155.0	0	4157.0	2	4165.5	0	4168.5	0
4189.5	1	4192.0	0	4195.0	2	4198.0	0
4206.0	0	4209.0	2	4235.5	0	4242.0	1
4247.5	2	4275.0	0	4277.0	1	4316.5	0
4370.5	0	4373.5	2	4378.5	0	4381.5	1
4434.5	2	4507.5	0	4509.0	2	4542.5	0
4550.0	0	4555.0	2	4614.5	0	4617.0	2
4630.5	1	4661.0	0	4662.5	2	4670.5	0
4683.5	0	4685.0	2	4727.5	0	4731.5	1
4732.5	1	4736.5	0	4737.0	2	4745.5	0
4750.0	0	4755.0	1	4781.0	0	4784.0	2
4813.0	1	4814.5	0	4818.0	2	4826.0	0
4855.5	0	4858.0	1	4873.5	0	4874.0	2
4875.0	2	4888.0	0	4891.0	1	4891.5	0
4961.5	0	4962.0	2	4968.5	0	4971.5	1
5004.0	1	5033.5	0	5039.0	1	5042.5	0
5054.0	0	5056.5	1	5070.0	0	5070.5	1
5090.0	2	5094.0	0	5096.0	1	5125.5	0
5162.0	0	5164.5	2	5181.0	0	5183.5	2
5205.5	1	5246.0	0	5247.0	2	5335.0	0
5364.5	0	5373.0	1	5376.0	0	5376.5	2
5377.5	2	5382.5	0	5385.0	2	5505.0	0
5506.0	0	5507.5	1	5537.5	0	5540.0	2
5545.0	1	5546.0	3	5548.5	1	5550.5	0
5566.5				5572.0	1		2

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

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FROM - BROOKLINE HILLS
TO - BEACONSFIELD

LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
2351.0	3	-0.818	2540.0	3	-0.779	4148.0	3	-0.827
4732.0	3	-0.796	5546.0	3	-0.812			

FROM - BROOKLINE HILLS TO - BEACONSFIELD LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	
4	.99 .00	.0 .75	0	0 .0	
2	.0 .75	.0 .25	62	145.5	
0	.0 .25	-.0 .25	203	5005.5	
1	-.0 .25	-.0 .75	147	442.5	
3	-.0 .75	-.99 .00	5	6.5	

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS
 TO - BEACONSFIELD
 RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE								
5.5	2	58.0	0	62.0	1	122.0	0	125.0	1										
127.0	0	131.0	2	166.5	0	171.0	1	174.5	0										
177.0	1	240.5	0	245.5	1	289.5	0	288.0	1										
304.0	0	308.5	1	311.5	0	314.0	2	393.0	0										
399.5	1	412.0	0	413.5	2	431.0	0	438.0	1										
442.0	0	444.0	2	500.5	0	504.5	1	507.5	0										
510.0	2	511.5	0	512.0	1	512.5	0	515.0	1										
524.0	0	529.0	2	531.5	0	534.5	2	535.0	0										
536.0	2	537.5	0	544.5	1	564.0	0	567.0	2										
571.0	0	571.5	1	599.0	0	603.0	2	612.0	0										
617.0	2	620.5	0	624.0	1	641.5	0	642.0	2										
644.5	0	645.5	2	650.5	0	651.5	1	655.5	0										
660.5	2	666.5	0	670.0	1	681.0	0	691.5	2										
698.0	0	699.0	1	707.0	0	707.5	2	711.0	0										
716.0	1	724.5	0	729.0	2	736.5	0	739.5	1										
742.5	0	743.0	2	761.5	0	762.0	2	793.5	0										
797.0	1	800.5	0	801.0	2	952.0	0	954.5	1										
992.5	0	993.0	2	999.5	0	1001.0	1	1029.5	0										
1030.0	0	1090.5	0	1091.0	2	1091.5	0	1092.0	2										
1092.5	0	1093.0	2	1127.5	0	1131.5	0	1156.0	0										
1168.0	2	1222.0	0	1228.5	2	1356.5	0	1357.0	0										
1357.5	0	1359.0	2	1399.5	0	1402.0	1	1424.5	0										
1425.0	2	1519.0	0	1521.0	2	1522.5	4	1524.5	0										
1526.5	0	1529.0	1	1559.0	0	1561.0	2	1597.5	0										
1599.5	2	1600.5	4	1603.0	2	1621.5	0	1623.0	2										
1638.0	0	1640.5	2	1677.0	0	1680.5	2	1753.0	0										
1755.0	0	1758.0	4	1760.0	2	1793.5	0	1798.5	0										
1833.5	5	1835.0	2	1870.0	0	1871.0	2	1874.5	0										
1877.0	0	1879.5	5	1881.0	1	1923.5	0	1925.0	0										

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS
 TO - BEACONSFIELD
 RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1950.5	0	1951.0	1	1970.5	0	1975.0	2
1981.5	1	1984.5	0	1988.0	2	2017.5	0
2022.5	0	2032.5	2	2068.0	0	2072.5	2
2099.0	2	2118.5	0	2123.0	2	2150.0	0
2183.0	0	2183.5	2	2184.0	0	2184.5	2
2225.0	2	2285.0	0	2291.5	2	2292.0	0
2293.0	0	2305.5	2	2308.5	0	2312.5	1
2328.5	2	2359.0	0	2362.5	2	2381.5	0
2394.0	0	2396.5	2	2401.0	0	2401.5	1
2418.5	2	2423.5	0	2428.5	2	2457.5	0
2484.5	0	2490.0	2	2510.0	0	2510.5	2
2511.5	2	2512.0	0	2512.5	2	2544.5	0
2602.5	0	2605.5	2	2637.0	0	2637.5	2
2648.5	2	2658.5	0	2663.0	1	2668.5	0
2734.5	0	2739.0	2	2763.5	0	2766.5	2
2785.0	2	2785.5	0	2786.0	2	2806.0	0
2830.0	0	2834.5	2	2837.5	0	2840.0	1
2843.5	1	2845.0	0	2849.5	2	2881.5	0
2918.5	0	2919.5	2	2959.5	0	2962.5	2
2977.5	2	2987.0	0	2992.5	2	3034.5	0
3076.5	0	3081.5	2	3124.5	0	3125.0	2
3169.0	2	3186.0	0	3186.5	2	3187.0	0
3222.5	0	3224.0	2	3259.0	0	3261.0	2
3319.0	2	3329.0	0	3330.0	2	3334.5	0
3335.5	0	3336.0	1	3356.0	0	3361.5	2
3370.0	1	3370.5	0	3372.0	1	3397.5	0
3455.5	0	3458.0	2	3459.0	0	3460.5	2
3463.5	2	3474.0	0	3480.0	1	3484.0	0
3545.5	0	3550.0	2	3620.5	0	3622.5	2

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS
TO - BEACONSFIELD
RIGHT PROFILE

FEET	ZONE								
3681.0	2	3738.0	0	3742.0	2	3754.5	0	3755.0	2
3767.5	0	3768.0	1	3773.0	0	3773.5	2	3774.0	0
3776.0	2	3776.5	0	3777.0	2	3795.0	0	3795.5	2
3823.5	0	3825.5	2	3852.0	0	3854.0	2	3881.5	0
3884.5	2	3910.0	0	3914.0	2	4038.0	0	4042.0	2
4074.0	0	4078.0	2	4113.0	0	4117.0	2	4138.0	0
4142.0	2	4150.5	0	4152.0	1	4154.5	0	4156.0	2
4158.5	4	4160.0	2	4162.5	0	4165.5	1	4195.5	0
4196.0	2	4196.5	0	4197.0	2	4205.5	0	4210.0	2
4225.5	0	4227.5	2	4237.0	0	4240.5	1	4250.0	0
4254.5	2	4318.0	0	4321.5	2	4344.5	0	4346.0	2
4362.5	0	4369.0	2	4429.5	0	4432.0	2	4433.0	0
4434.5	2	4476.0	0	4477.5	2	4481.5	0	4486.0	2
4503.5	0	4504.0	2	4504.5	0	4508.5	2	4550.5	0
4556.0	2	4606.5	0	4608.0	1	4608.5	0	4609.0	1
4612.5	0	4620.5	2	4670.5	0	4672.5	1	4683.0	0
4686.5	2	4745.0	0	4750.0	2	4786.0	0	4787.0	2
4795.5	0	4800.5	2	4801.0	0	4801.5	2	4805.0	0
4810.5	1	4813.5	0	4815.5	2	4821.5	0	4823.5	0
4826.5	0	4827.0	1	4831.0	0	4832.0	2	4873.0	0
4878.5	2	4879.0	0	4881.0	2	4910.0	0	4918.5	2
4944.0	0	4950.0	2	4955.5	0	4956.0	2	4997.0	0
4999.5	2	5013.0	0	5016.5	0	5022.5	0	5026.0	2
5035.0	0	5038.0	1	5043.0	0	5049.5	0	5074.5	0
5077.0	2	5087.0	0	5090.0	2	5098.5	0	5102.0	0
5136.5	0	5142.0	2	5149.5	0	5154.5	2	5161.5	0
5165.5	0	5177.5	0	5184.5	2	5210.0	0	5216.5	0
5246.5	0	5251.0	2	5264.0	0	5270.5	2	5289.5	0
5298.0	0	5306.0	0	5309.5	0	5323.5	0	5324.0	0

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS TO - BEACONSFIELD RIGHT PROFILE					
FEET	ZONE	FEET	ZONE	FEET	ZONE
5324.5	0	5326.0	2	5345.0	0
5380.0	2	5394.0	0	5401.0	2
5443.5	0	5444.5	2	5463.5	0
5481.0	2	5493.0	0	5495.0	2
5535.5	0	5538.5	2	5542.5	0
5556.5	2	5560.5	0	5563.0	2
				5573.5	0
				5581.5	2
				5351.5	2
				5423.0	0
				5465.0	2
				5512.0	0
				5543.0	1
				5573.5	0
				5375.5	0
				5430.0	2
				5476.5	0
				5519.0	2
				5551.5	0
				5581.5	2

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FROM - BROOKLINE HILLS
 TO - BEACONSFIELD
 RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1522.5	4	0.921	1600.5	4	0.836	1758.0	4	0.994
1874.5	4	1.146	2841.0	5	-0.887	4158.5	4	1.022

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

Figure 18 Brookline Hills to Beaconsfield Data (cont'd)

FROM - BROOKLINE HILLS TO - BEACONSFIELD RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	5	11.5	
2	0.75	0.25	184	582.5	
0	0.25	-0.25	226	4864.5	
1	-0.25	-0.75	49	140.5	
3	-0.75	-99.00	1	1.0	

FROM - BEACONSFIELD
TO - RESERVOIR
LEFT PROFILE

FEET	ZONE								
41.0	0	42.0	1	94.5	0	98.0	2	103.5	0
105.0	1	125.0	0	125.5	2	126.0	0	127.5	2
157.0	0	158.5	2	197.0	0	197.5	2	232.0	0
234.0	2	268.5	0	270.0	1	274.0	0	279.0	2
338.5	0	341.5	2	347.5	0	349.5	2	385.0	0
387.0	2	395.5	0	399.5	1	407.0	0	410.0	2
452.5	0	457.5	1	461.0	0	461.5	2	470.0	0
472.5	2	474.0	0	474.5	2	475.0	0	479.5	1
505.5	0	509.0	2	533.0	0	537.5	1	538.0	0
543.0	2	546.0	0	546.5	2	547.0	0	547.5	2
549.0	0	549.5	2	551.0	0	555.5	1	580.5	0
581.0	1	581.5	0	582.0	1	597.0	0	600.0	2
622.0	0	623.5	2	686.0	0	687.5	2	758.0	0
763.5	1	767.0	0	774.5	2	810.0	0	814.5	2
849.5	0	855.0	2	886.0	0	889.5	2	905.0	0
908.0	2	920.5	0	929.5	1	969.0	0	972.5	2
1090.0	0	1096.5	1	1100.0	0	1100.5	2	1101.0	0
1101.5	2	1102.0	0	1102.5	2	1104.5	0	1109.0	2
1230.0	0	1230.5	1	1260.5	0	1264.0	2	1266.5	0
1272.0	1	1274.0	0	1280.0	2	1291.0	0	1295.0	1
1343.5	0	1346.0	1	1348.0	3	1348.5	1	1350.5	0
1351.5	2	1353.0	4	1353.5	2	1354.5	0	1355.5	0
1358.5	0	1359.5	2	1379.0	0	1382.5	1	1384.5	0
1390.0	2	1391.5	0	1395.5	1	1400.0	0	1400.5	0
1401.5	0	1406.0	2	1407.0	0	1411.5	1	1433.5	0
1436.5	0	1439.0	0	1444.0	1	1444.5	0	1446.0	2
1449.0	1	1452.0	0	1457.5	0	1454.5	0	1458.5	1
1460.0	0	1462.5	0	1468.0	1	1483.5	0	1485.5	0
1525.5	1	1530.0	1	1539.0	0	1541.5	0	1582.0	0

Figure 19 Beaconsfield to Reservoir Data

Figure 19 Beaconsfield to Reservoir Data (cont'd)

FROM - BEACONSFIELD TO - RESERVOIR LEFT PROFILE				ZONE			
	FEET	ZONE	FEET		FEET	ZONE	FEET
1589.5	2		1631.0	0	1634.5	1	1637.5
1676.0	0		1679.5	2	1755.5	0	1759.0
1771.0	2		1774.5	0	1776.5	1	1815.0
1820.5	0		1825.5	2	1894.5	0	1897.0
1900.5	1		1902.0	0	1906.0	2	1958.5
1964.0	0		1965.5	1	2192.0	0	2196.0
2224.5	2		2259.5	0	2260.5	2	2270.5
2289.5	0		2290.5	2	2309.0	0	2310.5
2314.5	2		2315.0	4	2316.5	2	2318.5
2341.0	0		2342.0	1	2342.5	0	2344.5
2348.5	2		2350.0	4	2350.5	2	2351.0
2355.0	0		2357.5	1	2358.0	0	2359.5
2362.5	1		2366.0	3	2367.0	1	2373.5
2385.5	0		2390.0	1	2406.5	0	2410.5
2434.0	2		2473.5	0	2474.0	2	2555.0
2556.0	0		2556.5	2	2561.5	0	2565.5
2579.0	2		2581.0	0	2581.5	1	2582.5
2631.5	0		2633.5	2	2639.5	0	2640.5
2658.5	2		2659.0	0	2659.5	1	2713.5
2721.0	0		2725.0	2	2734.0	0	2738.5
2751.0	2		2766.0	0	2767.0	2	2772.0
2797.5	0		2801.5	2	2869.0	0	2871.5
2879.5	1		2914.0	0	2915.5	2	2933.5
2991.5	0		2998.0	1			2934.0

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FROM - BEACONSFIELD				TO - RESERVOIR			
				LEFT PROFILE			
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE
1348.0	3	-0.901	1353.0	4	0.857	1458.5	4
1898.5	3	-0.934	2315.0	4	0.763	2350.0	4
2351.0	4	0.751	2366.0	3	-1.109		

Figure 19 Beaconsfield to Reservoir Data (cont'd)

Figure 19 Beaconsfield to Reservoir Data (cont'd)

FROM - BEACONSFIELD TO - RESERVOIR LEFT PROFILE				
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	5	8.0
	0.75	0.25	79	202.0
2	0.25	-0.25	123	2629.0
	0	-0.25	52	154.0
0	-0.25	-0.75	3	7.0
	-0.75	-99.00		
1				
3				

FROM - BEACONSFIELD
 TO - RESERVOIR
 RIGHT PROFILE

FEET	ZONE								
28.0	0	28.5	1	29.0	0	29.5	1	30.0	0
82.5	1	88.0	0	91.5	2	102.5	0	165.0	1
192.5	0	196.5	1	214.5	0	220.5	1	221.0	0
221.5	1	278.0	0	279.5	2	329.0	0	335.0	1
339.0	0	339.5	2	362.5	0	365.5	1	394.5	0
399.5	1	414.5	0	418.5	1	450.5	0	451.0	1
451.5	0	457.0	1	471.5	0	474.5	2	475.0	0
475.5	1	476.0	0	479.5	1	490.5	0	496.5	1
528.0	0	535.5	1	546.0	0	546.5	2	551.0	0
552.5	1	657.5	0	665.0	1	732.0	0	736.0	1
744.0	0	744.5	1	757.5	0	764.5	1	835.0	0
835.5	1	892.5	0	899.0	1	904.0	0	907.0	2
917.5	0	930.5	1	956.5	0	961.5	1	1001.0	0
1002.0	1	1026.5	0	1027.0	1	1036.0	0	1039.0	1
1088.5	0	1089.0	1	1089.5	0	1090.0	1	1092.0	0
1092.5	1	1132.5	0	1137.0	1	1160.0	0	1163.5	1
1222.0	0	1227.5	1	1264.5	0	1270.5	1	1290.0	0
1294.0	1	1313.0	0	1321.5	1	1341.5	0	1344.5	1
1389.0	0	1389.5	2	1394.0	0	1401.5	1	1405.0	0
1406.0	2	1440.0	0	1447.0	1	1453.0	0	1455.5	2
1464.5	0	1469.0	1	1481.0	0	1483.5	1	1526.0	0
1528.0	1	1531.0	3	1532.5	1	1579.5	0	1586.0	1
1616.5	0	1625.0	1	1629.5	0	1635.5	1	1649.0	0
1652.5	1	1663.0	0	1663.5	2	1671.5	0	1672.5	1
1752.0	0	1756.0	1	1769.0	0	1772.0	2	1774.0	0
1781.0	1	1783.0	0	1783.5	1	1784.5	3	1787.5	1
1788.5	0	1794.0	2	1797.0	0	1804.0	1	1812.0	0
1812.5	1	1813.5	0	1816.5	1	1817.5	0	1819.0	1
1820.5	0	1821.0	2	1822.0	0	1823.0	2	1824.0	4

Figure 19 Beaconsfield to Reservoir Data (cont'd)

FROM - BEACONSFIELD
 TO - RESERVOIR
 RIGHT PROFILE

FEET	ZONE								
1825.5	2	1826.0	0	1826.5	2	1868.5	0	1875.0	1
1897.0	0	1898.0	1	1989.0	0	1991.5	1	2221.0	0
2224.0	2	2268.0	0	2274.0	1	2308.5	0	2312.5	1
2316.0	0	2318.0	2	2321.0	0	2325.0	1	2349.0	0
2353.5	2	2357.5	0	2358.5	1	2364.5	3	2365.5	1
2370.0	2	2370.5	0	2372.5	1	2375.0	0	2376.0	2
2378.5	4	2381.0	2	2383.0	0	2391.5	1	2401.0	0
2403.5	1	2404.0	0	2406.0	1	2410.0	0	2411.0	2
2412.0	0	2412.5	1	2413.0	0	2414.0	1	2415.0	0
2416.0	1	2441.5	0	2447.0	1	2464.0	0	2468.0	1
2492.5	0	2493.0	1	2527.5	0	2532.5	1	2562.5	0
2566.0	1	2573.0	0	2573.5	1	2644.0	0	2651.0	1
2664.0	0	2666.5	1	2669.0	0	2671.5	2	2678.0	0
2679.0	1	2680.5	0	2682.5	1	2684.0	0	2685.5	1
2687.0	0	2689.5	1	2690.5	0	2691.0	1	2712.5	0
2713.0	2	2715.5	0	2720.5	1	2725.5	0	2726.5	1
2730.0	0	2732.5	2	2733.5	0	2738.5	1	2746.5	0
2749.5	2	2750.0	0	2750.5	2	2753.0	0	2760.0	1
2772.5	0	2775.0	1	2790.5	0	2796.5	1	2800.5	0
2802.0	2	2826.0	0	2828.0	1	2842.5	0	2844.0	1
2844.5	0	2845.0	1	2858.0	0	2865.0	1	2929.5	0
2940.5	1	2958.0	0	2999.0	1	2964.5	0	2965.0	1

Figure 19 Beaconsfield to Reservoir Data (cont'd)

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FROM - BEACONSFIELD
 TO - RESERVOIR
 RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1531.0	3	-1.014	1784.5	3	-0.817	1824.0	4	0.832
2364.5	3	-1.021	2378.5	4	0.838			

Figure 19 Beaconsfield to Reservoir Data (cont'd)

Figure 19 Beaconsfield to Reservoir Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.	FROM - BEACONSFIELD		
					TO - RESERVOIR	RIGHT PROFILE	
4	99.00	0.75	2	3.5			
	0.75	0.25	29	57.5			
2	0.25	-0.25	123	2570.5			
0	-0.25	-0.75	100	358.5			
1	-0.75	-99.00	3	10.0			
3							

FROM - RESERVOIR
TO - CHESTNUT HILL
LEFT PROFILE

FEET	ZONE								
22.0	0	23.5	1	26.5	0	27.0	2	28.0	4
29.5	2	31.5	0	35.0	1	54.0	0	55.0	1
55.5	0	57.5	1	59.5	0	61.5	2	63.0	4
66.0	2	68.0	0	70.5	1	71.0	0	72.5	2
75.0	0	75.5	1	79.0	3	80.0	1	87.0	0
95.0	2	98.5	0	103.0	1	119.5	0	123.5	2
142.5	0	147.0	2	157.0	0	157.5	1	186.5	0
187.0	2	274.5	0	278.5	1	287.5	0	292.0	2
294.0	0	294.5	1	295.5	0	297.0	1	345.5	0
346.0	2	351.5	0	354.0	1	370.0	0	371.5	2
372.0	0	372.5	1	376.0	0	376.5	1	427.0	0
428.5	2	434.0	0	438.0	2	447.0	0	451.5	1
459.5	0	464.0	2	485.0	0	485.5	1	510.5	0
514.5	2	582.0	0	584.5	2	591.0	0	592.5	1
627.5	0	628.5	2	646.5	0	647.0	1	647.5	0
648.0	1	704.5	0	711.0	1	715.5	0	718.0	2
760.0	0	760.5	1	764.5	0	766.0	2	797.5	0
798.0	2	804.0	0	808.0	1	839.5	0	844.0	1
848.0	0	848.5	2	870.0	0	873.0	1	936.5	0
940.5	1	951.0	0	951.5	1	954.0	0	958.5	2
967.0	0	968.0	1	1024.5	0	1025.0	2	1025.5	0
1026.0	2	1112.0	0	1113.0	2	1249.5	0	1255.0	1
1258.0	0	1265.0	2	1267.5	0	1269.5	1	1270.5	3
1273.0	1	1360.0	0	1363.5	1	1517.0	0	1520.0	1
1596.0	0	1600.5	1	1601.0	0	1602.0	1	1610.5	0
1611.0	2	1683.0	0	1683.5	1	1755.5	0	1756.5	2
1905.5	0	1909.0	1	1913.5	0	1915.5	2	1998.0	0
1999.0	1	2002.0	0	2005.0	2	2027.5	0	2028.5	2
2031.0	0	2036.0	1	2040.5	0	2042.0	2	2157.0	0

Figure 20 Reservoir to Chestnut Hill Data

FROM - RESERVOIR
TO - CHESTNUT HILL
LEFT PROFILE

FEET	ZONE								
2158.5	1	2181.0	0	2182.0	2	2324.5	0	2326.5	2
2434.5	0	2436.0	2	2440.0	0	2444.5	1	2445.0	0
2445.5	1	2472.0	0	2475.0	1	2496.0	0	2496.5	2
2499.0	0	2501.5	1	2502.0	3	2504.0	1	2506.0	0
2506.5	2	2507.0	0	2507.5	2	2508.0	0	2508.5	2
2528.0	0	2532.5	1	2618.0	0	2620.0	1	2620.5	0
2621.0	1	2675.0	0	2679.0	2	2735.5	0	2736.0	1
2764.0	0	2764.5	1	2792.5	0	2794.0	2	2848.5	0
2851.0	1	2852.5	3	2855.0	1	2858.5	0	2862.5	2
2875.5	0	2876.5	2	2880.0	0	2884.0	1	2912.0	0
2912.5	1	2923.0	0	2925.5	2	2935.0	0	2937.0	1
2940.0	0	2943.5	2	3027.0	0	3033.0	1	3042.5	0
3044.0	2	3073.5	0	3078.5	1	3079.0	0	3079.5	1
3084.0	0	3087.0	2	3164.5	0	3166.5	1	3170.0	0
3173.0	2	3198.5	0	3200.5	2	3212.5	0	3216.0	2
3224.5	0	3225.5	1	3233.0	0	3236.0	1	3254.0	0
3258.5	2	3264.5	0	3268.0	1	3285.0	0	3291.0	1
3320.0	0	3323.0	1	3333.0	0	3334.0	2	3345.0	0
3349.5	1	3386.5	0	3390.0	2	3397.0	0	3402.5	1
3421.0	0	3422.0	1	3433.0	0	3438.5	2	3467.0	0
3469.0	2	3474.0	0	3480.0	1	3490.0	0	3493.0	2
3496.0	0	3498.5	1	3551.5	0	3553.0	2	3558.5	0
3562.0	1	3580.5	0	3582.0	1	3585.5	0	3589.5	2
3638.0	0	3643.5	1	3668.5	0	3674.0	1	3674.5	0
3675.0	1	3683.0	0	3693.0	2	3698.0	0	3704.5	1
3720.0	0	3722.5	2	3763.0	0	3766.0	2	3771.0	0
3776.0	1	3783.0	0	3787.0	2	3804.5	0	3807.5	1
3818.0	0	3820.0	2	3843.5	0	3848.0	1	3870.5	0
3871.0	2	3873.5	0	3880.0	1	3885.0	0	3888.5	2

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR
TO - CHESTNUT HILL
LEFT PROFILE

FEET	ZONE								
3903.0	0	3905.5	1	3906.5	0	3908.0	1	3909.0	0
3909.5	1	3910.0	0	3913.5	1	3919.5	0	3923.5	1
3927.0	0	3934.5	2	3939.5	0	3946.5	1	3947.0	0
3947.5	1	4016.0	0	4020.5	2	4047.5	0	4053.5	2
4056.0	0	4061.0	1	4109.5	0	4113.5	2	4120.5	0
4121.0	1	4122.5	0	4127.5	1	4135.0	0	4140.5	2
4144.0	0	4147.5	1	4220.0	0	4224.5	1	4228.0	0
4229.5	2	4253.5	0	4259.0	1	4283.5	0	4284.0	2
4284.5	0	4285.0	2	4285.5	0	4286.5	2	4287.0	0
4287.5	2	4288.0	0	4290.0	2	4290.5	0	4291.0	2
4295.5	0	4300.0	1	4357.0	0	4362.0	1	4383.0	0
4386.0	1	4395.5	0	4398.5	2	4410.0	0	4415.5	1
4438.0	0	4438.5	1	4439.0	0	4442.0	1	4442.5	0
4443.0	1	4459.0	0	4463.0	2	4465.5	0	4471.5	1
4492.0	0	4498.0	1	4525.0	0	4526.0	1	4596.0	0
4598.5	2	4608.5	0	4612.5	1	4694.0	0	4694.5	2
4697.5	0	4702.0	1	4722.0	0	4723.5	2	4727.0	0
4729.0	1	4746.0	0	4752.5	2	4754.5	0	4759.5	1
4785.5	0	4787.0	1	4901.0	0	4902.0	1	4902.5	0
4904.5	1	4930.0	0	4934.0	1	4961.0	0	4963.0	1
4969.5	0	4973.5	1	4976.0	0	4981.5	2	4988.0	0
4993.0	1	4997.0	0	5001.5	2	5006.5	0	5015.0	1
5039.5	0	5040.0	1	5070.0	0	5072.0	1	5079.0	0
5079.5	0	5101.5	0	5106.5	1	5110.0	0	5113.5	2
5133.0	0	5135.0	1	5164.5	0	5170.0	1	5193.5	0
5199.0	1	5208.5	0	5211.5	2	5224.5	0	5230.0	1
5253.5	0	5255.5	1	5259.0	2	5261.0	1	5264.5	0
5268.0	0	5283.0	0	5288.5	1	5290.5	0	5294.0	2
5374.0	1	5379.0	1	5400.5	0	5404.5	1	5408.0	0

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR TO - CHESTNUT HILL LEFT PROFILE				FEET ZONE				FEET ZONE				FEET ZONE			
5409.5	2	5427.0	0	5433.5	1	5461.0	0	5462.0	1	5524.5	1	5549.5	0	5549.5	0
5494.0	0	5496.5	1	5523.0	0	5633.5	0	5636.0	2	5668.0	0	5668.0	0	5684.0	2
5555.5	1	5582.0	0	5587.0	1	5667.0	0	5667.5	1	5681.0	0	5773.0	0	5815.5	2
5639.5	0	5643.5	1	5667.0	0	5674.0	2	5771.5	1	5814.5	0	5881.5	0	5930.0	2
5669.0	1	5673.5	0	5692.0	1	5766.5	0	5807.0	1	5875.0	0	5926.0	1	5953.0	2
5687.5	0	5692.0	1	5804.0	0	5831.0	1	5875.0	0	5926.0	1	5952.0	0	5957.0	0
5776.5	2	5804.0	0	5831.0	1	5875.0	0	5926.0	1	5964.5	2	6010.0	0	6011.5	1
5830.5	0	5831.0	1	5883.5	2	5922.5	0	5952.0	0	6050.5	0	6055.0	2	6088.0	0
5883.5	2	5942.0	1	5962.0	0	6020.5	2	6117.0	0	6120.0	1	6145.0	0	6146.5	1
5939.5	0	5958.5	1	6017.5	0	6095.0	1	6117.0	0	6120.0	1	6145.0	0	6146.5	1

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FROM - RESERVOIR
TO - CHESTNUT HILL
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
28.0	4	0.777	63.0	4	0.769	79.0	3	-1.112
1270.5	3	-0.796	2502.0	3	-0.755	2852.5	3	-0.863
5259.0	3	-0.943						

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
				FROM - RESERVOIR	TO - CHESTNUT HILL
4	99.00	0.75	2	2.5	
2	0.75	0.25	104	266.5	
0	0.25	-0.25	243	5480.0	
1	-0.25	-0.75	146	441.0	
3	-0.75	-99.00	5	10.0	

FROM - RESERVOIR
 TO - CHESTNUT HILL
 RIGHT PROFILE

FEET	ZONE								
21.5	0	25.5	1	29.0	0	31.0	2	34.0	0
38.0	1	62.0	0	66.5	2	70.5	0	71.5	1
77.5	3	78.5	1	83.0	2	83.5	0	85.5	1
88.0	0	89.5	2	91.5	4	94.0	2	96.0	0
104.5	1	114.0	0	119.0	1	123.0	0	124.0	2
126.0	0	127.0	1	128.0	0	129.0	1	154.5	0
160.0	1	177.0	0	181.0	1	205.5	0	206.0	1
240.5	0	245.5	1	275.5	0	279.0	1	286.0	0
286.5	1	293.5	0	294.0	1	357.0	0	364.0	1
377.0	0	379.5	1	382.0	0	384.5	2	391.0	0
392.0	1	393.5	0	395.5	1	397.0	0	398.5	1
400.5	0	402.5	1	403.5	0	404.0	1	425.5	0
426.0	2	429.0	0	433.5	1	438.5	0	439.5	1
443.0	0	445.5	2	447.0	0	451.5	1	459.5	0
462.5	2	463.0	0	463.5	2	466.0	0	473.0	1
485.5	0	488.5	1	503.5	0	509.5	1	513.5	0
515.0	2	539.0	0	541.5	1	555.5	0	557.0	1
557.5	0	558.0	1	571.0	0	578.0	1	642.5	0
653.5	1	671.0	0	678.0	1	707.5	0	712.0	1
742.5	0	743.0	1	744.5	0	745.5	1	768.0	0
769.0	1	780.0	0	781.0	1	840.0	0	846.0	1
868.5	0	873.5	1	884.0	0	888.0	1	921.0	0
923.5	1	936.0	0	939.5	1	967.0	0	969.5	1
988.5	0	995.0	1	1029.5	0	1032.0	1	1068.0	0
1072.0	1	1102.0	0	1106.0	1	1113.5	0	1116.0	2
1119.5	0	1122.0	1	1268.0	0	1274.5	1	1296.0	0
1297.0	1	1353.0	0	1356.0	1	1472.0	0	1474.0	2
1511.5	2	1512.5	0	1595.5	0	1600.0	1	1640.0	0
1642.0	0			1650.5	1	1762.0	0	1763.5	1

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR TO - CHESTNUT HILL RIGHT PROFILE			
FEET	ZONE	FEET	ZONE
1769.0	0	1769.5	1
1771.5	1	1772.0	0
1810.5	0	1812.5	1
1927.5	2	1932.0	0
2055.5	0	2056.5	1
2145.0	1	2176.0	0
2261.0	0	2266.5	1
2380.5	1	2441.5	0
2445.5	0	2446.0	1
2503.0	1	2611.5	0
2673.5	0	2678.5	1
2725.0	2	2729.5	0
2791.0	0	2791.5	1
2881.5	1	2900.0	0
3046.5	0	3052.0	1
3095.5	1	3096.0	0
3143.5	0	3146.5	1
3202.5	2	3222.5	0
3239.5	0	3241.5	2
3294.0	1	3297.5	0
3342.0	0	3348.5	1
3380.0	1	3387.5	0
3448.0	0	3454.5	1
3530.5	1	3554.5	0
3614.0	0	3618.5	1
3676.0	1	3676.5	0
3715.0	0	3718.0	1
3809.5	1	3856.5	0
3882.5	0	3883.0	1
1770.0	0	1770.5	1
1774.0	1	1792.0	0
1834.5	0	1839.5	1
1932.5	1	2032.0	0
2084.5	0	2086.0	1
2181.0	1	2232.0	0
2350.0	0	2355.5	1
2444.0	1	2444.5	0
2496.5	0	2502.0	1
2615.0	1	2615.5	3
2699.5	0	2706.0	1
2734.5	1	2739.0	0
2847.0	0	2853.5	1
2904.0	1	2969.0	0
3076.5	0	3080.5	1
3096.5	1	3113.5	0
3191.0	0	3195.5	1
3228.5	1	3232.5	0
3247.5	0	3253.5	1
3299.5	2	3317.0	0
3361.5	0	3365.5	1
3388.0	2	3394.5	0
3491.5	0	3495.5	1
3561.0	1	3582.0	0
3642.5	0	3649.0	1
3677.0	1	3685.0	0
3769.5	0	3776.5	1
3864.0	1	3880.5	0
3894.5	0	3895.0	1

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR
TO - CHESTNUT HILL
RIGHT PROFILE

FEET	ZONE																		
3904.0	2	3908.5	0	3913.0	1	3930.5	0	3932.0	2	3938.5	0	3950.5	1	3952.0	0	3953.5	0	3955.0	2
3938.5	0	3950.5	1	3959.0	0	3990.0	0	4023.5	0	4024.5	1	4025.0	-	4025.5	1	4031.0	0	4034.5	2
4024.5	1	4025.0	-	4025.5	1	4025.5	0	4031.5	0	4056.0	0	4061.0	1	4061.5	0	4061.5	0	4061.5	0
4056.0	0	4061.0	1	4098.5	0	4098.5	1	4098.5	0	4172.0	0	4173.5	1	4204.5	0	4208.5	1	4208.5	1
4155.0	1	4258.5	1	4334.0	0	4340.0	1	4369.0	0	4375.0	1	4411.0	1	4426.0	0	4429.5	1	4429.5	1
4256.5	0	4375.0	1	4403.5	0	4411.0	1	4426.0	0	4448.0	0	4453.0	0	4459.0	1	4479.5	0	4479.5	0
4375.0	1	4448.0	0	4450.5	2	4453.0	0	4459.0	1	4484.0	0	4493.0	1	4506.0	0	4508.5	2	4508.5	2
4448.0	0	4484.0	2	4517.0	1	4565.5	0	4568.0	1	4601.0	0	4607.0	1	4653.0	0	4655.0	1	4655.0	0
4484.0	2	4511.5	0	4598.5	2	4601.0	0	4689.5	0	4671.0	0	4675.0	1	4697.0	1	4717.5	0	4717.5	0
4511.5	0	4598.5	2	4601.0	0	4675.0	1	4754.0	0	4750.0	0	4783.5	1	4840.0	0	4843.5	1	4860.0	0
4598.5	2	4671.0	0	4675.0	1	4750.0	0	4840.0	0	4867.5	0	4873.5	1	4889.5	0	4895.0	1	4895.0	0
4671.0	0	4723.0	1	4783.5	1	4867.5	0	4889.5	0	4930.0	1	4969.5	0	4974.0	1	4978.5	0	4978.5	0
4723.0	1	4780.0	0	4865.0	2	4930.0	1	4998.0	0	4996.0	0	4996.0	1	4991.5	1	4998.0	0	5001.0	2
4780.0	0	4865.0	2	4922.0	0	4930.0	1	4998.0	0	5010.0	1	5012.0	3	5015.0	1	5064.5	0	5064.5	0
4865.0	2	4922.0	0	4983.5	2	4996.0	0	5012.0	3	5113.0	0	5113.5	2	5124.0	0	5130.5	1	5130.5	1
4922.0	0	4983.5	2	5007.0	0	5010.0	1	5015.0	1	5214.5	2	5229.0	0	5231.0	1	5256.5	0	5256.5	0
4983.5	2	5007.0	0	5068.5	1	5113.0	0	5231.0	1	5261.0	0	5261.5	1	5268.0	0	5271.5	2	5271.5	2
5007.0	0	5068.5	1	5209.5	0	5214.5	2	5261.5	0	5294.0	1	5296.5	0	5301.0	2	5303.5	0	5303.5	0
5068.5	1	5209.5	0	5260.5	1	5261.0	0	5296.5	0	5326.5	0	5327.5	1	5328.0	0	5329.5	1	5329.5	1
5209.5	0	5260.5	1	5283.0	0	5294.0	1	5326.5	0	5358.0	2	5372.0	0	5381.5	1	5422.0	0	5422.0	0
5260.5	1	5283.0	0	5306.0	1	5326.5	0	5358.0	0	5440.0	0	5445.5	2	5445.5	0	5466.5	1	5466.5	1
5283.0	0	5306.0	1	5356.0	0	5440.0	0	5445.5	2	5468.5	1	5469.0	0	5469.5	1	5470.0	0	5470.0	0
5306.0	1	5356.0	0	5431.5	1	5468.5	0	5469.5	0	5484.5	0	5495.5	1	5498.5	0	5501.5	2	5501.5	2
5356.0	0	5431.5	1	5468.0	0	5473.0	1	5495.5	0	5505.5	1	5509.5	0	5513.0	2	5518.0	0	5518.0	1
5431.5	1	5468.0	0	5473.0	1	5505.5	1	5509.5	0	5528.0	0	5532.0	2	5549.0	0	5551.5	1	5551.5	1

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR
 TO - CHESTNUT HILL
 RIGHT PROFILE

FEET	ZONE								
5586.5	0	5587.5	1	5604.5	0	5613.0	1	5617.0	0
5618.0	2	5657.5	0	5663.5	1	5685.0	0	5691.0	1
5694.0	0	5695.5	2	5773.0	0	5775.0	2	5799.0	0
5801.5	1	5804.5	3	5806.0	1	5807.0	0	5811.0	2
5819.5	0	5824.5	1	5855.5	0	5860.0	1	5871.0	0
5875.5	2	5877.5	0	5881.0	1	5888.0	0	5889.0	1
5889.5	0	5890.0	1	5909.5	0	5910.0	1	5910.5	0
5914.0	1	5916.0	0	5916.5	2	5923.0	0	5923.5	1
5939.5	0	5942.5	1	5952.5	0	5955.0	2	5962.5	0
5963.5	2	5966.5	0	5970.5	1	5982.5	0	5986.5	1
5994.0	0	5996.0	1	6004.5	0	6007.0	1	6033.5	0
6037.5	2	6049.0	0	6050.0	2	6060.5	0	6061.0	1
6061.5	0	6062.0	1	6062.5	0	6063.0	1	6063.5	0
6064.0	1	6089.0	0	6096.5	1	6119.0	0	6125.5	1
6180.0	0	6182.0	1						

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR TO - CHESTNUT HILL RIGHT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
77.5	3	-1.036	91.5	4	0.834	2615.5	3	-0.838
5012.0	3	-0.894	5804.5	3	-0.960			

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

Figure 20 Reservoir to Chestnut Hill Data (cont'd)

FROM - RESERVOIR TO - CHESTNUT HILL RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	1	2.0	
2	0.75	0.25	52	134.5	
0	0.25	-0.25	248	5297.0	
1	-0.25	-0.75	202	755.0	
3	-0.75	-99.00	4	11.5	

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
10.0	0	10.5	1	40.0	0	42.5	1
77.0	1	80.5	0	83.5	2	103.0	0
134.5	0	140.0	1	164.0	0	169.5	1
170.5	1	178.5	0	182.0	2	195.0	0
223.5	0	225.5	1	229.0	3	231.0	1
238.5	2	253.0	0	258.5	1	261.0	0
344.5	0	349.0	1	370.5	0	375.0	1
379.0	2	379.5	0	380.0	2	397.5	0
431.5	0	432.0	1	464.5	0	467.0	1
468.0	1	493.0	0	494.5	1	520.0	0
552.0	0	557.5	1	604.0	0	606.5	2
613.5	1	637.5	0	639.5	1	651.5	0
657.5	0	663.0	1	723.5	0	724.0	1
741.5	1	743.0	0	746.5	2	774.5	0
785.5	0	786.0	2	798.0	0	798.5	1
799.5	1	800.5	0	801.0	1	845.5	0
852.0	0	854.0	2	892.5	0	896.0	1
900.5	2	909.5	0	912.5	1	922.5	0
927.5	0	928.5	1	932.0	0	935.0	2
982.0	1	987.5	0	991.0	2	1020.5	0
1058.5	0	1065.5	1	1087.5	0	1090.0	1
1115.5	1	1116.0	0	1116.5	1	1117.0	0
1200.5	0	1203.0	1	1216.0	0	1218.5	2
1260.0	1	1273.0	0	1274.5	2	1284.5	0
1345.0	0	1347.5	1	1402.0	0	1403.5	1
1405.0	1	1432.0	0	1434.0	1	1460.5	0
1461.5	0	1465.5	1	1474.5	0	1478.0	2
1493.5	1	1520.5	0	1521.0	1	1547.5	0
1574.0	0	1580.5	1	1603.0	0	1609.5	1
							1618.5

Figure 21 Chestnut Hill to Newton Center Data

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	
1621.0	2	1629.0	0	1635.0	1	1645.5	0	
1651.5	0	1653.5	2	1683.5	0	1685.5	2	
1698.5	1	1720.0	0	1723.0	1	1723.5	0	
1730.0	0	1735.5	2	1750.5	0	1756.0	1	
1761.5	2	1765.5	0	1767.0	1	1767.5	0	
1830.0	0	1835.5	1	1859.0	0	1860.5	2	
1866.5	1	1898.0	0	1896.5	1	1929.0	0	
1963.0	0	1965.5	1	1994.0	0	1999.0	1	
2033.5	1	2050.5	0	2054.5	2	2063.5	0	
2094.5	0	2099.0	1	2127.5	0	2130.5	1	
2165.5	1	2189.0	0	2191.5	2	2194.0	0	
2227.5	0	2228.0	1	2228.5	0	2230.5	1	
2261.0	1	2261.5	0	2262.5	1	2313.5	0	
2328.0	0	2329.0	1	2358.5	0	2363.5	1	
2393.5	1	2394.5	0	2395.0	1	2423.5	0	
2442.0	0	2444.0	2	2485.5	0	2486.5	1	
2488.0	1	2494.5	0	2496.5	2	2540.5	0	
2547.5	0	2548.5	1	2581.0	0	2581.5	1	
2596.0	1	2596.5	0	2597.0	1	2610.5	0	
2611.5	0	2612.0	2	2625.0	0	2625.5	1	
2627.5	1	2628.5	0	2629.0	1	2629.5	0	
2658.5	0	2664.0	1	2676.5	0	2679.5	2	
2695.0	1	2726.0	0	2727.0	1	2765.5	0	
2794.0	0	2795.0	1	2827.0	0	2831.0	1	
2844.5	2	2853.0	0	2858.5	1	2920.5	0	
2985.5	0	2990.0	1	3003.0	0	3004.5	2	
3052.5	2	3053.0	0	3053.5	2	3055.5	0	
3087.0	0	3088.0	1	3088.5	0	3090.5	1	
3094.5	2	3095.5	0	3096.0	2	3176.0	0	
							3179.0	2

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3186.0	0	3190.0	1	3219.5	0	3220.0	1	3221.0	0	3250.5	1	3256.0	0	3293.0	2	3294.5	0	3303.0	0
3221.5	1	3250.5	0	3294.5	2	3303.0	0	3312.0	1	3319.0	1	3319.5	0	3317.0	0	3320.5	0	3321.0	1
3294.0	0	3319.0	0	3345.0	2	3352.0	0	3354.5	1	3417.0	0	3423.0	1	3452.0	0	3455.5	1	3460.0	0
3318.0	1	3345.0	0	3417.0	0	3460.5	2	3482.0	0	3482.0	0	3498.5	1	3518.0	0	3520.5	0	3542.0	2
3344.5	0	3417.0	0	3460.0	0	3540.5	0	3542.0	2	3542.0	0	3572.0	0	3576.5	2	3576.5	0	3608.5	2
3389.5	1	3460.0	0	3520.5	1	3603.5	0	3608.5	2	3614.5	0	3623.5	1	3624.5	0	3625.0	1	3623.0	0
3460.0	0	3520.5	1	3603.5	0	3621.5	1	3623.0	0	3649.5	0	3653.5	1	3685.0	0	3685.0	0	3685.0	0
3520.5	1	3603.5	0	3621.5	1	3625.5	0	3623.0	1	3717.5	0	3718.5	1	3737.5	0	3738.5	2	3738.5	0
35603.5	0	3621.5	1	3625.5	0	3625.5	1	3649.5	0	3717.5	0	3783.5	1	3805.0	0	3805.0	0	3805.0	0
3621.5	1	3625.5	0	3685.5	1	3749.0	0	3753.0	1	3815.5	0	3819.0	1	3866.5	0	3867.5	1	3867.5	0
3625.5	0	3685.5	1	3749.0	0	3806.5	2	3868.0	0	3868.5	1	3930.5	0	3933.0	1	3933.0	0	3933.0	0
3685.5	1	3749.0	0	3806.5	2	3868.0	0	3868.5	1	3930.5	0	3936.0	1	3970.0	0	3974.0	2	3974.0	0
3749.0	0	3806.5	2	3868.0	0	3932.5	1	3953.0	0	3953.0	1	3993.0	1	4081.0	0	4084.0	2	4107.0	0
3806.5	2	3868.0	0	3932.5	1	3953.0	0	3953.0	1	3993.0	1	4215.0	0	4216.0	0	4217.0	1	4217.0	0
3868.0	0	3932.5	1	3953.0	0	3990.5	0	4081.0	0	4215.0	0	4241.5	0	4246.5	1	4249.0	0	4249.0	0
3932.5	1	3953.0	0	3990.5	0	4113.5	1	4227.0	0	4227.0	0	4329.5	1	4359.0	0	4343.0	2	4372.0	0
3952.5	1	3990.5	0	4113.5	1	4227.0	0	4327.0	0	4369.0	2	4371.5	0	4372.0	1	4372.0	0	4372.0	0
3990.5	0	4113.5	1	4227.0	0	4366.5	0	4369.0	2	4378.0	0	4378.5	2	4379.5	0	4380.0	2	4380.0	0
4113.5	1	4227.0	0	4366.5	0	4374.5	1	4410.0	0	4410.0	1	4436.0	0	4438.5	1	4446.0	0	4446.0	0
4227.0	0	4366.5	0	4374.5	1	4380.5	0	4410.0	0	4410.0	1	4491.0	2	4494.5	0	4497.0	1	4502.0	0
4366.5	0	4374.5	1	4380.5	0	4410.0	0	4410.0	1	4491.0	2	4506.0	1	4526.5	0	4527.0	1	4527.0	0
4374.5	1	4380.5	0	4410.0	0	4486.5	0	4486.5	1	4506.0	0	4515.0	2	4542.0	1	4545.5	0	4545.5	0
4380.5	0	4410.0	0	4486.5	0	4505.5	1	4534.0	0	4534.0	0	4537.0	2	4558.0	1	4586.0	0	4587.5	2
4410.0	0	4486.5	0	4505.5	1	4534.0	0	4547.0	2	4557.5	0	4624.0	0	4625.0	2	4742.5	0	4744.5	2
4486.5	0	4505.5	1	4534.0	0	4547.0	2	4624.0	0	4625.0	2	4625.0	0	4625.0	0	4625.0	0	4625.0	0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE								
4815.0	2	4938.0	0	4939.0	2	4976.0	0	4979.0	2
5102.5	0	5105.5	1	5111.0	0	5113.5	2	5171.0	0
5175.0	1	5250.5	0	5254.5	1	5358.5	0	5363.0	2
5408.0	0	5408.5	1	5416.5	0	5418.0	2	5564.5	0
5565.0	1	5713.5	0	5714.0	2	5946.5	0	5950.0	2
6025.0	0	6027.5	2	6031.5	0	6032.5	1	6155.0	0
6158.0	2	6182.5	0	6184.5	2	6297.0	0	6302.5	2
6305.5	0	6306.5	1	6307.0	0	6308.0	1	6339.5	0
6340.5	2	6387.0	0	6391.0	1	6393.5	0	6394.5	2
6396.0	0	6397.5	1	6401.0	3	6402.5	1	6404.0	0
6404.5	2	6425.5	0	6429.5	1	6452.5	0	6456.5	2
6460.0	0	6461.0	1	6491.5	0	6496.0	1	6500.0	0
6501.0	2	6501.5	0	6502.0	2	6525.5	0	6528.0	1
6531.5	0	6534.0	2	6539.5	0	6542.0	1	6585.0	0
6589.0	2	6591.5	0	6596.0	1	6646.0	0	6646.5	1
6651.0	0	6654.0	2	6656.0	0	6660.5	1	6663.5	0
6667.0	2	6690.0	0	6693.5	1	6716.0	0	6720.0	2
6722.5	0	6727.0	1	6752.0	0	6755.0	1	6781.5	0
6783.5	2	6805.5	0	6806.5	1	6807.0	0	6808.0	1
6813.0	0	6813.5	2	6840.5	0	6846.0	1	6849.0	0
6849.5	2	6850.0	0	6857.5	2	6912.5	0	6915.0	1
6999.5	0	7000.0	2	7029.0	0	7029.5	1	7030.0	0
7034.0	1	7036.0	0	7036.5	2	7114.5	0	7117.0	1
7139.5	0	7140.0	2	7143.0	0	7147.5	1	7475.5	0
7478.0	2	7481.0	0	7494.0	1	7497.5	0	7507.5	1
7511.0	0	7514.5	2	7540.5	0	7542.5	1	7546.5	0
7550.5	2	7670.5	0	7672.5	1	7677.0	0	7683.0	2
7687.0	0	7690.5	1	7783.5	0	7784.0	2	7824.5	0
7827.0	1	7855.5	0	7856.0	1	7874.0	0	7876.0	2

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE																		
7910.5	0	7915.5	2	7920.0	0	7920.5	1	7921.5	0	7946.0	2	7942.5	0	7946.0	2	7951.5	1	7981.5	0
7922.0	1	7935.5	0	7939.5	1	7951.0	0	7951.5	1	8027.5	1	8023.0	0	8027.5	1	8085.5	0	8080.0	2
7949.0	0	7950.5	1	7995.0	2	8075.0	0	8075.0	0	8088.5	1	8126.5	0	8127.0	2	8148.0	0	8151.0	1
7988.5	1	7992.5	0	8037.5	2	8086.5	0	8086.5	1	8136.5	1	8148.0	0	8172.0	0	8180.0	2	8192.0	0
8036.0	0	8037.5	2	8086.0	1	8086.0	0	8295.5	2	8329.5	0	8332.0	1	8336.5	0	8345.0	2	8372.5	0
8086.0	1	8132.0	0	8176.0	1	8179.5	0	8299.0	2	8345.5	0	8345.0	2	8375.5	2	8403.0	0	8407.5	1
8132.0	0	8132.0	0	8176.0	1	8179.5	0	8299.0	2	8380.0	1	8490.0	1	8492.0	0	8497.5	0	8502.0	2
8176.0	1	8179.5	0	8295.5	0	8337.0	2	8337.0	0	8379.0	0	8415.5	2	8492.5	2	8497.5	0	8507.0	1
8295.5	0	8299.0	2	8337.0	2	8345.5	0	8380.0	1	8485.0	0	8494.5	2	8539.5	2	8613.0	0	8652.0	2
8337.0	2	8345.5	0	8380.0	1	8415.5	2	8485.0	0	8494.5	2	8530.5	1	8537.5	0	8652.0	2	8652.0	0
8379.0	0	8415.5	2	8493.0	0	8529.0	0	8530.5	1	8530.5	0	8620.0	0	8675.5	0	8682.5	1	8699.5	0
8415.5	2	8493.0	0	8529.0	0	8613.5	1	8530.5	0	8620.0	0	8671.0	2	8713.5	1	8759.5	0	8764.0	1
8493.0	0	8529.0	0	8613.5	1	8668.0	0	8668.0	0	8671.0	2	8780.5	2	8848.5	3	8850.0	1	8854.5	0
8529.0	0	8613.5	1	8668.0	0	8705.5	2	8713.0	0	8713.0	0	8780.5	2	8848.5	3	8850.0	1	8858.0	2
8613.5	1	8668.0	0	8705.5	2	8776.0	0	8780.5	2	8848.5	3	8848.5	1	8875.5	0	8883.5	0	8885.5	1
8668.0	0	8705.5	2	8776.0	0	8845.0	1	8845.0	1	8845.0	1	8848.5	3	8848.5	1	8883.5	0	8892.5	0
8705.5	2	8776.0	0	8845.0	1	8882.5	0	8882.5	0	8897.0	1	8899.5	0	8903.0	2	8912.0	0	8914.0	1
8776.0	0	8845.0	1	8882.5	0	8897.0	1	8897.0	1	8915.0	2	8918.5	1	8923.0	0	8927.0	2	8932.5	0
8845.0	1	8882.5	0	8897.0	1	8915.0	2	8918.5	1	8937.0	2	8948.0	0	8948.5	1	8950.0	0	8955.5	1
8882.5	0	8897.0	1	8915.0	2	8937.0	2	8948.0	0	8958.0	0	8963.0	2	8987.0	0	8989.5	1	8994.5	0
8897.0	1	8915.0	2	8937.0	2	8958.0	0	8963.0	2	8996.0	0	8996.0	0	8996.0	0	8996.0	0	8996.0	0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

PAGE B 1

FROM - CHESTNUT HILL
TO - NEWTON CENTER
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
229.0	3	-0.957	6401.0	3	-1.133
8915.0	3	-0.791			
			8848.5	3	-1.020

PAGE C 1

FROM - CHESTNUT HILL TO - NEWTON CENTER LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	0	0.0	
2	0.75	0.25	130	309.0	
0	0.25	-0.25	346	8086.5	
1	-0.25	-0.75	221	593.0	
3	-0.75	-99.00	4	11.5	

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
35.0	0	39.5	1	94.5	0	101.0	0
185.0	2	200.0	0	201.5	1	227.5	0
239.0	0	242.0	2	254.0	0	265.0	1
271.5	2	274.5	0	276.5	1	297.0	0
327.0	0	328.5	2	342.5	0	352.5	1
392.5	1	393.0	0	402.5	1	411.0	0
436.0	0	437.5	1	439.5	0	443.5	1
466.0	1	469.0	0	472.0	2	476.0	0
480.0	0	484.0	2	489.0	0	496.0	1
502.5	2	519.5	0	522.0	1	557.5	0
575.0	0	583.5	1	587.5	0	588.5	2
634.0	1	648.0	0	648.5	2	656.0	0
665.0	0	666.0	2	743.5	0	744.5	2
745.5	2	770.0	0	772.5	1	775.0	3
777.5	0	782.0	2	790.5	0	795.0	1
831.0	1	842.0	0	846.0	2	848.0	0
858.0	0	859.5	1	860.0	0	861.0	1
885.0	1	886.5	0	887.0	2	910.0	0
923.0	0	925.5	2	933.5	0	934.5	2
941.5	1	953.0	0	957.0	1	964.5	0
974.5	0	975.0	1	975.5	0	977.5	1
1008.5	2	1020.0	0	1020.5	2	1031.5	0
1059.5	0	1067.5	1	1089.5	0	1096.0	1
1153.0	1	1178.0	0	1183.5	1	1208.5	0
1237.0	0	1242.5	1	1263.0	0	1268.5	1
1275.5	2	1294.0	0	1299.0	1	1304.0	0
1321.5	0	1329.0	1	1352.0	0	1357.0	1
1385.0	1	1438.5	0	1440.0	1	1445.0	0
1464.0	0	1464.5	1	1494.0	0	1500.5	1
							1522.0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
1529.0	1	1555.5	0	1559.0	2	1565.0	0
1573.5	0	1581.0	1	1584.5	0	1589.0	2
1596.0	1	1608.5	0	1612.0	1	1640.5	0
1645.5	3	1648.0	1	1650.0	0	1654.0	2
1665.0	1	1677.0	0	1680.5	1	1701.5	0
1715.0	0	1717.5	1	1721.5	3	1724.0	1
1735.0	2	1764.0	0	1767.0	1	1799.5	0
1803.5	0	1804.0	1	1830.5	0	1836.5	1
1902.0	1	1929.5	0	1930.0	1	1930.5	0
1964.0	0	1964.5	1	1989.5	0	1990.5	1
2035.0	1	2063.5	0	2064.0	1	2064.5	0
2066.0	0	2066.5	1	2093.0	0	2100.5	1
2135.0	1	2159.0	0	2165.5	1	2227.0	0
2260.5	0	2261.0	1	2261.5	0	2263.5	1
2286.5	1	2293.5	0	2294.0	1	2294.5	0
2360.0	0	2364.5	1	2393.0	0	2397.5	1
2431.5	1	2459.5	0	2465.0	1	2491.5	0
2506.0	0	2506.5	1	2526.0	0	2526.5	1
2531.0	1	2558.0	0	2564.0	1	2588.0	0
2623.0	0	2629.5	1	2658.5	0	2665.0	1
2684.0	2	2689.5	0	2696.5	1	2758.0	0
2759.0	0	2763.0	1	2791.0	0	2791.5	1
2796.5	1	2797.0	0	2797.5	1	2854.5	0
2890.0	0	2894.0	1	2919.5	0	2922.0	1
2926.0	1	2967.5	0	2970.0	1	2987.0	0
2994.5	0	2995.0	1	3023.0	0	3024.5	1
3085.0	1	3086.5	0	3087.0	1	3118.5	0
3155.5	0	3157.5	1	3219.0	0	3224.0	1
3257.0	1	3285.5	0	3287.5	1	3307.0	0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

FEET	ZONE								
3321.5	0	3323.5	1	3353.5	0	3357.5	1	3384.0	0
3390.0	1	3417.0	0	3424.0	1	3452.5	0	3457.0	1
3477.5	0	3489.5	1	3519.0	0	3522.0	1	3616.0	0
3623.5	1	3624.0	0	3624.5	1	3634.5	0	3635.5	1
3650.5	0	3656.5	1	3683.5	0	3688.0	1	3718.5	0
3724.5	1	3751.0	0	3757.0	1	3816.5	0	3821.0	1
3917.5	0	3924.5	1	3947.0	0	3950.5	1	3951.0	3
3954.0	1	4041.0	0	4042.0	1	4043.0	0	4043.5	1
4130.0	0	4133.0	1	4192.5	0	4193.0	1	4194.0	0
4197.5	1	4214.5	0	4219.5	1	4243.0	0	4247.0	1
4251.0	0	4254.5	2	4257.5	0	4260.0	1	4285.0	0
4289.5	1	4323.0	0	4325.5	1	4332.5	0	4334.5	1
4335.0	0	4336.5	1	4347.0	0	4347.5	1	4391.0	0
4393.0	1	4421.0	0	4421.5	1	4459.5	0	4463.0	1
4479.0	0	4486.5	1	4505.5	0	4506.0	1	4506.5	0
4508.0	1	4508.5	0	4509.5	1	4510.0	0	4510.5	1
4512.0	0	4516.5	1	4517.0	3	4521.5	1	4524.0	0
4526.5	2	4528.0	4	4530.5	2	4579.5	0	4582.0	1
4585.0	0	4588.5	2	4623.0	0	4626.5	2	4629.5	0
4632.5	1	4645.0	0	4645.5	1	4664.0	0	4666.0	2
4730.0	0	4734.5	1	4743.0	0	4743.5	0	4774.0	0
4778.5	1	4781.5	0	4783.5	2	4805.0	0	4809.0	1
4821.0	0	4822.5	2	4826.0	0	4828.0	1	4904.0	0
4905.0	1	4933.0	0	4935.0	1	4938.0	0	4940.0	0
4951.5	0	4952.5	1	4968.5	0	4973.0	1	4975.5	0
4980.0	2	4982.5	0	4987.5	1	5101.5	0	5105.5	1
5135.0	0	5139.5	1	5216.5	0	5217.5	1	5238.0	0
5240.5	1	5245.5	0	5247.0	2	5250.0	0	5255.0	1
5330.0	0	5333.0	2	5338.0	0	5343.0	1	5353.5	0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
5356.0	1	5408.0	0	5411.5	1	5447.5	0
5569.5	0	5573.5	1	5679.0	0	5680.0	1
5723.0	1	5748.0	0	5752.0	1	5784.0	0
5793.0	0	5796.0	1	5869.0	0	5872.0	1
5957.5	1	5991.5	0	5994.5	1	6030.0	0
6141.5	0	6147.0	1	6213.5	0	6216.5	1
6227.0	2	6279.0	0	6282.0	1	6309.0	0
6347.0	0	6351.5	1	6378.0	0	6380.0	1
6392.0	1	6392.5	0	6394.5	1	6395.0	0
6397.0	0	6398.0	1	6398.5	0	6407.5	1
6442.0	1	6470.5	0	6471.0	1	6471.5	0
6532.0	0	6534.5	2	6537.5	0	6543.0	1
6573.0	1	6573.5	0	6574.0	1	6615.5	0
6616.5	0	6618.5	1	6623.5	0	6626.5	2
6631.5	2	6634.0	0	6639.5	1	6668.5	0
6697.0	0	6697.5	2	6701.5	0	6705.5	1
6736.0	1	6748.5	0	6752.5	1	6763.5	0
6775.0	0	6779.0	1	6805.5	0	6810.0	1
6902.5	1	6959.5	0	6964.0	1	6987.0	0
7019.5	0	7023.5	1	7072.0	0	7080.0	1
7151.5	1	7152.0	0	7153.0	1	7180.0	0
7200.5	0	7201.0	1	7208.5	0	7212.0	1
7234.5	1	7236.0	0	7236.5	1	7256.0	0
7296.5	0	7297.5	1	7348.5	0	7351.5	1
7409.0	1	7423.5	0	7424.0	1	7437.0	0
7499.0	0	7506.0	1	7587.0	0	7591.0	1
7619.0	1	7636.5	0	7641.5	1	7656.0	0
7658.5	0	7659.0	1	7670.0	0	7670.5	1
7675.5	1	7678.5	0	7682.5	2	7686.5	0

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

FEET	ZONE								
7710.5	0	7711.0	1	7732.0	0	7733.5	1	7759.5	0
7760.0	1	7760.5	0	7761.0	1	7775.0	0	7779.0	1
7800.5	0	7801.0	1	7821.0	0	7828.0	1	7856.0	0
7857.5	1	7863.5	0	7867.0	1	7894.0	0	7900.5	1
7907.0	0	7910.5	2	7913.5	0	7919.0	1	7935.0	0
7938.0	1	7944.0	0	7946.0	2	7949.0	0	7952.5	1
7964.0	0	7967.5	1	7981.5	0	7984.5	1	8017.0	0
8022.5	1	8068.5	0	8070.5	1	8078.0	0	8078.5	2
8079.0	0	8079.5	2	8124.5	0	8126.0	2	8130.0	0
8133.5	1	8147.0	0	8152.5	1	8162.5	0	8164.5	2
8173.0	0	8177.5	1	8215.0	0	8221.0	1	8232.0	0
8232.5	1	8233.0	0	8233.5	1	8249.5	0	8255.0	1
8258.5	0	8260.5	2	8308.0	0	8308.5	1	8323.5	0
8324.0	1	8336.5	0	8365.0	1	8373.5	0	8377.0	2
8380.0	0	8383.0	1	8403.0	0	8410.5	1	8450.0	0
8451.0	1	8463.0	0	8467.0	1	8473.0	0	8480.0	1
8498.5	0	8502.5	2	8503.5	0	8506.0	1	8507.5	3
8509.0	1	8518.5	0	8520.0	1	8531.0	0	8531.5	1
8547.0	0	8550.5	1	8605.0	0	8611.0	1	8641.0	0
8646.0	1	8654.0	0	8657.5	2	8658.5	0	8662.5	1
8676.0	0	8683.0	1	8713.0	0	8716.0	1	8755.0	0
8756.0	1	8756.5	0	8757.0	1	8757.5	0	8754.0	1
8832.5	0	8833.0	1	8838.0	0	8839.5	0	8841.0	0
8843.0	1	8843.5	3	8847.5	1	8862.0	0	8867.0	1
8876.5	0	8877.5	2	8890.0	0	8895.0	1	8898.5	0
8899.0	2	8903.0	0	8907.5	1	8911.0	0	8917.5	1
8923.0	0	8926.5	2	8929.5	0	8933.5	1	8945.0	0
8951.0	1	8974.0	0	8980.0	1				

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

PAGE B 1

FROM - CHESTNUT HILL
 TO - NEWTON CENTER
 RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
775.0	3	-0.976	1645.5	3	-0.967	1721.5	3	-1.046
2924.5	3	-0.941	3951.0	3	-0.770	4517.0	3	-0.756
4523.0	4	0.811	8507.5	3	-0.624	8843.5	3	-0.757

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

PAGE C 1

FROM - CHESTNUT HILL
TO - NEWTON CENTER
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	1	1.5
2	0.75	0.25	63	149.5
0	0.25	-0.25	350	7825.5
1	-0.25	-0.75	296	1009.0
3	-0.75	-99.00	8	14.5

Figure 21 Chestnut Hill to Newton Center Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
LEFT PROFILE

FEET	ZONE								
35.5	0	48.5	2	44.5	0	45.0	1	45.5	0
47.0	1	59.5	0	64.0	1	67.5	0	78.5	2
74.0	0	76.5	1	106.0	0	113.5	1	117.0	0
119.5	2	147.5	0	152.0	1	160.5	0	162.0	2
190.5	0	191.0	1	191.5	0	192.0	1	199.5	0
284.5	2	218.0	0	214.0	1	257.0	0	261.0	1
272.5	0	276.0	1	296.5	0	301.0	1	317.0	0
318.5	2	420.0	0	424.0	2	454.0	0	456.5	1
461.0	0	461.5	2	497.5	0	500.5	2	503.5	0
505.0	1	527.5	0	532.0	1	538.0	0	540.0	2
610.0	0	614.5	1	616.5	0	617.0	2	618.0	0
619.5	2	622.0	0	626.5	2	627.0	0	631.5	1
653.5	0	655.5	1	662.0	0	663.5	2	737.5	0
738.5	1	792.5	0	796.0	2	800.0	0	803.0	1
803.5	3	807.0	1	824.5	0	830.0	2	837.0	0
837.5	1	838.0	0	838.5	1	884.0	0	888.5	1
901.0	0	905.0	2	924.0	0	926.0	1	968.0	0
970.0	1	973.0	3	975.0	1	979.5	0	981.5	2
982.0	0	982.5	2	1007.5	0	1010.5	1	1017.5	0
1022.0	1	1024.0	0	1028.0	2	1036.5	0	1039.0	1
1040.0	3	1043.5	1	1047.5	0	1051.5	2	1057.5	0
1061.5	2	1075.0	0	1080.0	1	1083.0	0	1087.5	2
1111.5	0	1114.0	1	1119.0	0	1119.5	2	1120.0	0
1120.5	2	1126.5	0	1130.0	2	1135.5	0	1143.0	1
1156.5	0	1160.0	2	1171.5	0	1176.5	1	1182.5	0
1186.0	2	1204.5	0	1209.5	1	1220.5	0	1225.0	2
1237.0	0	1241.5	1	1259.0	0	1262.5	2	1266.5	0
1273.0	1	1273.5	0	1274.0	1	1292.5	0	1296.0	2
1299.5	0	1301.0	1	1306.0	0	1306.5	1	1327.0	0

Figure 22 Newton Center to Newton Highlands Data

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
LEFT PROFILE

PAGE A 2

FEET	ZONE								
1332.0	1	1372.5	0	1376.5	1	1379.5	0	1381.0	2
1387.5	0	1391.5	1	1406.5	0	1412.0	2	1417.0	0
1421.5	1	1432.0	0	1437.5	1	1465.0	0	1471.0	1
1483.5	0	1487.5	1	1492.5	0	1494.0	2	1502.0	0
1502.5	1	1509.0	0	1511.0	1	1517.5	0	1524.5	2
1529.0	0	1532.0	1	1533.5	3	1536.0	1	1537.5	0
1542.5	2	1562.0	0	1563.5	1	1565.5	0	1568.0	1
1590.0	0	1593.0	1	1597.0	0	1601.0	2	1606.5	0
1610.5	1	1620.5	0	1623.0	1	1627.5	0	1628.0	2
1649.5	0	1655.0	1	1672.0	0	1675.5	2	1681.0	0
1683.0	1	1698.5	0	1699.0	1	1727.0	0	1728.5	1
1749.0	0	1752.0	1	1758.0	0	1763.0	2	1765.5	0
1768.0	2	1772.0	0	1779.0	1	1787.5	0	1788.0	2
1804.5	0	1806.5	1	1806.5	0	1857.0	2	1861.5	0
1865.5	1	1897.5	0	1898.0	2	1926.5	0	1930.5	1
1931.0	0	1931.5	1	1956.0	0	1962.0	1	1964.0	0
1969.5	2	1984.5	0	1988.5	1	1992.0	0	1997.5	2
2015.5	0	2020.0	1	2041.0	0	2043.0	2	2045.5	0
2050.0	1	2071.5	0	2074.0	2	2077.0	0	2081.5	1
2107.0	0	2112.5	1	2121.0	0	2124.0	2	2138.5	0
2139.0	1	2166.0	0	2170.5	1	2183.5	0	2191.0	2
2195.5	0	2202.5	1	2225.5	0	2229.0	1	2256.0	0
2259.5	1	2286.0	0	2290.0	1	2294.0	0	2294.5	2
2315.5	0	2320.5	1	2349.5	0	2352.5	1	2383.5	0
2385.0	1	2417.5	0	2418.5	1	2448.5	0	2452.5	1
2480.5	0	2485.5	1	2492.0	0	2492.5	2	2515.5	0
2519.5	1	2541.5	0	2544.5	2	2547.0	0	2549.0	1
2549.5	3	2553.0	1	2558.0	0	2563.0	2	2569.0	0
2574.5	1	2575.0	0	2575.5	1	2581.0	0	2581.5	1

Figure 22 Newton Center To Newton Highlands Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
LEFT PROFILE

PAGE A 3

FEET	ZONE								
2582.0	0	2583.5	1	2586.0	0	2589.5	2	2625.0	0
2625.5	2	2626.0	0	2627.0	2	2641.5	0	2646.5	1
2652.0	0	2658.0	2	2663.0	0	2668.0	1	2681.0	0
2683.0	1	2714.5	0	2715.0	1	2715.5	0	2716.0	1
2747.5	0	2749.5	1	2753.0	0	2756.0	2	2778.0	0
2783.5	1	2877.0	0	2883.5	1	2908.5	0	2909.0	2
2912.0	0	2917.0	1	2944.5	0	2948.5	1	2951.5	0
2952.5	2	3044.0	0	3049.0	1	3059.0	0	3059.5	2
3077.5	0	3080.5	1	3110.5	0	3114.5	1	3117.5	0
3118.0	2	3143.5	0	3149.5	1	3153.0	0	3157.0	2
3159.5	0	3163.5	1	3169.5	0	3172.0	2	3177.5	0
3182.5	1	3186.5	0	3188.5	2	3210.5	0	3214.0	1
3244.5	0	3247.0	1	3275.5	0	3276.5	1	3277.0	0
3278.0	1	3278.5	0	3279.0	1	3342.5	0	3348.0	1
3355.5	0	3356.5	2	3375.0	0	3381.0	1	3385.0	0
3388.0	2	3409.5	0	3413.0	1	3474.5	0	3478.5	1
3509.5	0	3516.0	1	3542.0	0	3545.0	1	3574.0	0
3579.5	1	3608.0	0	3612.5	1	3615.0	0	3621.5	2
3628.5	0	3635.0	1	3665.5	0	3667.0	1	3734.0	0
3734.5	2	3735.0	0	3735.5	2	3736.5	0	3737.5	2
3738.0	0	3738.5	2	3748.5	0	3753.0	1	3769.5	0
3771.0	2	3782.0	0	3784.5	1	3786.0	3	3788.5	1
3792.0	0	3792.5	2	3793.5	0	3794.0	2	3794.5	0
3799.5	2	3808.5	0	3812.5	1	3814.5	0	3820.0	1
3838.0	0	3838.5	2	3883.5	0	3885.5	1	3889.0	0
3892.0	2	3934.0	0	3936.0	1	3968.0	0	3971.5	2
3972.0	0	3972.5	2	3977.5	0	3984.0	1	4011.5	0
4015.5	1	4044.5	0	4049.0	1	4060.0	0	4064.0	2
4076.0	0	4081.0	1	4109.0	0	4115.0	1	4141.5	0

Figure 22 Newton Center to Newton Highlands Data (cont'd)

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER TO - NEWTON HIGHLANDS LEFT PROFILE				FROM - NEWTON CENTER TO - NEWTON HIGHLANDS RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
4147.5	1	4151.0	0	4152.5	2	4175.0	1
4207.0	0	4209.5	1	4229.0	0	4232.0	2
4246.0	1	4261.5	0	4266.5	2	4274.0	0
4307.0	0	4312.5	1	4328.0	0	4328.5	2
4349.0	1	4375.5	0	4378.5	1	4391.5	0
4442.5	0	4444.5	1	4448.0	0	4450.0	2
4451.0	2	4476.0	0	4477.0	1	4506.5	0
4514.0	0	4517.5	2	4529.0	0	4531.0	2
4544.0	1	4572.0	0	4577.5	1	4581.0	0
4607.0	0	4611.5	1	4614.5	0	4615.5	2
4643.0	1	4646.5	0	4648.5	2	4674.0	0
4694.5	0	4696.0	2	4740.5	0	4742.5	1
4775.5	1	4838.5	0	4839.0	1	4839.5	0
4872.5	0	4874.5	1	4936.0	0	4940.5	1
4945.0	2	4953.0	0	4956.0	2	4961.0	0
4964.0	0	4965.5	2	4966.0	0	4970.5	1
5001.5	1	5013.0	0	5017.5	2	5091.0	0
5101.5	0	5107.5	1	5116.0	0	5119.5	2
5207.0	2	5222.0	0	5228.5	1	5233.0	0
5255.5	0	5260.0	1	5288.5	0	5293.5	1
5319.0	2	5321.5	0	5327.0	1	5334.5	0
5355.0	0	5359.0	1	5387.0	0	5389.5	1
5392.0	1	5394.5	0	5395.0	2	5397.0	0
5398.0	0						

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER TO - NEWTON HIGHLANDS LEFT PROFILE				PAGE B 1			
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE
803.5	3	-0.757	973.0	3	-1.045	1040.0	3
1533.5	3	-0.861	2549.5	3	-0.755	3786.0	3
5390.5	3	-0.830					

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER TO - NEWTON HIGHLANDS LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	0	0	
2	0.75	0.25	106	278.5	
0	0.25	-0.25	269	4514.0	
1	-0.25	-0.75	169	598.5	
3	-0.75	-99.00	?	9.0	

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
RIGHT PROFILE

FEET	ZONE																		
18.0	0	25.0	1	59.0	0	141.0	1	146.5	1	31.0	0	249.0	0	373.5	2	34.5	2	37.5	0
43.5	1	59.0	0	76.5	1	202.0	0	271.0	0	62.5	1	88.5	0	92.0	1	68.0	0	70.5	2
73.5	0	76.5	1	109.0	1	258.0	1	287.0	0	86.5	0	277.0	1	297.0	0	192.5	0	105.5	0
109.0	1	141.0	0	202.0	0	258.0	1	287.0	0	141.0	0	288.5	2	297.0	0	278.5	0	254.5	0
141.0	0	203.0	2	271.0	0	287.0	0	288.5	2	297.0	0	356.0	1	301.5	1	279.0	0	279.0	1
203.0	2	271.0	0	287.0	0	288.5	2	355.5	0	356.0	1	356.5	0	301.5	1	339.5	0	339.5	0
271.0	0	358.0	0	358.0	0	358.5	1	358.5	0	373.5	0	373.5	0	379.0	1	382.5	0	382.5	0
358.0	0	358.5	0	384.5	2	432.0	0	432.0	0	432.5	1	504.5	0	480.5	0	489.0	1	489.0	1
358.5	0	432.0	0	497.5	0	501.0	2	566.5	0	566.5	0	567.0	2	507.0	1	527.5	0	527.5	0
432.0	0	501.0	2	497.5	0	534.5	1	534.5	1	591.0	1	597.0	0	574.0	0	575.5	1	575.5	1
501.0	2	566.5	0	566.5	0	587.0	0	626.5	2	628.0	0	630.0	1	604.5	1	623.0	0	623.0	0
566.5	0	587.0	0	626.5	2	644.5	1	644.5	1	675.5	0	675.0	1	631.5	3	633.0	1	633.0	1
626.5	2	644.5	1	642.5	0	674.5	1	674.5	1	675.5	0	675.0	1	670.5	1	671.0	0	671.0	0
644.5	1	674.5	1	674.5	1	729.5	0	729.5	0	735.0	1	765.0	0	705.5	0	706.0	1	706.0	1
674.5	1	729.5	0	782.0	2	783.0	0	806.5	1	783.0	1	837.0	0	604.5	1	623.0	0	623.0	0
729.5	0	782.0	2	783.0	0	806.5	1	806.5	1	881.5	0	888.5	1	840.0	1	879.0	0	879.0	0
782.0	2	806.5	1	880.0	0	880.0	1	880.0	1	881.5	0	888.5	1	956.0	0	956.5	1	956.5	1
806.5	1	880.0	0	880.0	1	957.0	0	957.0	1	957.5	1	962.5	0	963.0	2	965.0	0	965.0	0
880.0	1	957.0	0	967.5	1	968.0	3	1002.0	2	1027.0	0	972.0	1	986.0	0	991.0	1	991.0	1
957.0	0	967.5	1	968.0	3	1002.0	2	1027.0	0	1027.0	0	1014.5	0	1019.0	1	1023.0	0	1023.0	0
967.5	1	968.0	3	1002.0	2	1027.0	0	1027.0	0	1031.5	1	1031.5	0	1035.0	0	1041.5	1	1041.5	1
968.0	3	1002.0	2	1027.0	0	1027.0	0	1050.5	2	1053.5	0	1053.5	0	1057.5	1	1069.0	0	1069.0	0
1002.0	2	1027.0	0	1027.0	0	1047.0	0	1047.0	0	1050.5	2	1098.0	0	1104.0	1	1139.5	0	1147.0	1
1027.0	0	1047.0	0	1047.0	0	1075.5	1	1075.5	1	1172.0	1	1172.0	1	1205.0	0	1211.0	1	1236.0	0
1047.0	0	1075.5	1	1075.5	1	1166.0	0	1166.0	0	1245.0	1	1269.5	0	1277.0	1	1278.0	1	1278.0	1
1075.5	1	1166.0	0	1166.0	0	1245.0	1	1245.0	1	1280.5	0	1286.0	1	1292.0	0	1296.0	2	1303.0	0

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
RIGHT PROFILE

FEET	ZONE								
1307.0	1	1315.0	0	1316.0	1	1321.5	0	1322.0	1
1322.5	0	1324.5	1	1336.0	0	1342.0	1	1346.0	0
1346.5	2	1353.5	0	1356.5	1	1370.0	0	1372.5	1
1380.0	0	1384.0	1	1397.5	0	1388.0	1	1388.5	0
1390.0	1	1401.0	0	1401.5	1	1402.0	0	1404.5	1
1417.0	0	1424.0	1	1428.0	0	1440.5	1	1459.0	0
1471.5	1	1478.0	0	1487.0	1	1497.5	0	1510.5	1
1521.5	0	1530.0	1	1531.0	0	1538.5	1	1548.5	0
1556.0	1	1560.0	0	1566.5	1	1569.5	0	1586.0	1
1606.0	0	1606.5	1	1606.5	0	1607.0	1	1607.5	0
1618.0	1	1630.5	0	1640.0	1	1650.0	0	1654.0	1
1663.5	0	1671.5	1	1680.5	0	1688.0	1	1691.0	0
1691.5	1	1692.0	0	1700.0	1	1704.0	0	1704.5	1
1705.0	0	1705.5	1	1710.5	0	1722.5	1	1735.0	0
1735.5	1	1736.0	0	1753.5	1	1768.0	0	1787.5	1
1804.5	0	1806.0	1	1806.5	0	1807.0	1	1812.5	0
1822.5	1	1825.0	0	1832.5	1	1842.0	0	1842.5	1
1844.5	0	1860.0	1	1862.0	0	1862.5	1	1868.0	0
1874.5	1	1875.0	0	1875.5	1	1897.5	0	1903.0	1
1912.5	0	1913.0	1	1913.5	0	1916.5	1	1920.5	0
1924.0	1	1925.0	0	1927.5	1	1943.0	0	1952.5	1
1955.5	0	1963.0	1	1972.0	0	1980.5	1	1990.5	0
1996.5	1	2022.5	0	2025.0	1	2025.5	1	2029.5	1
2041.0	0	2041.5	1	2042.0	0	2046.5	1	2047.0	0
2047.5	1	2070.0	0	2072.5	1	2075.0	1	2078.5	1
2079.0	0	2092.0	1	2101.5	0	2108.0	1	2111.5	0
2112.0	1	2112.5	0	2113.0	1	2113.5	0	2118.0	1
2129.5	0	2137.5	1	2160.0	0	2162.5	1	2165.0	3
2157.5	1	2174.0	0	2180.0	1	2190.0	0	2192.5	1

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
RIGHT PROFILE

FEET	ZONE								
2195.0	3	2198.0	1	2221.5	0	2223.5	1	2225.0	3
2228.0	1	2237.0	0	2239.0	1	2246.0	0	2256.5	1
2264.0	0	2269.0	1	2278.0	0	2283.0	1	2292.5	0
2302.0	1	2310.5	0	2319.0	1	2324.5	0	2331.5	1
2343.0	0	2348.0	1	2364.0	0	2370.0	1	2372.5	0
2380.0	1	2388.5	0	2394.5	1	2406.5	0	2418.0	1
2422.5	0	2423.0	1	2423.5	0	2426.0	1	2440.5	0
2447.5	1	2448.0	0	2448.5	1	2449.0	0	2449.5	1
2450.0	0	2456.0	1	2473.5	0	2479.0	1	2484.0	0
2489.0	1	2504.5	0	2513.5	1	2515.5	0	2523.0	1
2540.0	0	2552.0	1	2566.0	0	2578.5	1	2574.0	3
2576.0	1	2576.5	0	2577.0	1	2597.0	0	2620.0	1
2629.5	0	2635.0	1	2639.5	0	2640.0	1	2640.5	0
2644.5	1	2659.0	0	2677.0	1	2679.0	0	2679.5	1
2701.0	0	2701.5	1	2702.0	0	2702.5	1	2704.0	0
2705.0	1	2705.5	0	2708.5	1	2709.0	0	2709.5	1
2716.0	0	2721.0	1	2728.0	0	2735.0	1	2738.0	0
2743.5	1	2768.0	0	2768.5	1	2770.0	0	2777.5	1
2778.0	0	2778.5	1	2796.5	0	2801.0	1	2803.5	0
2812.0	1	2823.0	0	2828.0	1	2836.5	0	2844.0	1
2844.5	0	2845.0	1	2849.5	0	2855.5	1	2870.5	0
2883.0	1	2883.5	0	2886.0	1	2900.0	0	2901.5	1
2902.5	0	2910.0	1	2910.5	0	2911.5	1	2912.0	0
2918.0	1	2929.5	0	2947.0	1	2959.5	0	2960.5	1
2970.0	0	2976.0	1	2993.5	0	2997.0	1	3003.0	0
3009.5	1	3016.0	0	3021.0	1	3036.0	0	3041.5	1
3046.5	0	3052.0	1	3070.5	0	3081.5	1	3095.0	0
3101.0	1	3101.5	0	3102.0	1	3102.5	0	3103.0	1
3103.5	0	3104.0	1	3105.0	0	3106.5	1	3107.0	0

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
RIGHT PROFILE

FEET	ZONE								
3107.5	1	3109.5	0	3110.0	1	3134.0	0	3134.5	2
3137.0	0	3139.0	1	3140.0	3	3140.5	1	3141.0	3
3143.5	1	3144.0	0	3144.5	1	3146.5	0	3147.0	1
3147.5	0	3156.0	1	3167.5	0	3175.0	1	3179.5	0
3184.0	1	3197.0	0	3201.5	1	3207.5	0	3216.0	1
3235.5	0	3241.5	1	3246.0	0	3251.0	1	3270.5	0
3276.0	1	3276.5	0	3277.0	1	3277.5	0	3278.0	1
3278.5	0	3284.5	1	3301.5	0	3307.5	1	3308.5	0
3309.0	1	3323.0	0	3325.5	1	3335.5	0	3336.0	1
3336.5	0	3341.0	1	3341.5	0	3349.0	1	3364.5	0
3375.0	1	3381.0	0	3383.0	1	3392.0	0	3400.0	1
3407.0	0	3407.5	1	3408.0	0	3414.5	1	3429.0	0
3434.5	1	3443.5	0	3450.0	1	3457.0	0	3459.0	1
3473.0	0	3480.5	1	3508.5	0	3518.0	1	3529.5	0
3530.5	1	3536.0	0	3537.0	1	3537.5	0	3547.0	1
3547.0	0	3548.0	1	3556.0	0	3558.5	1	3568.5	0
3575.0	1	3580.0	0	3584.5	1	3599.0	0	3607.0	1
3625.0	0	3633.5	1	3642.5	0	3650.0	1	3669.0	0
3680.5	1	3699.0	0	3704.0	1	3716.5	0	3718.5	1
3719.0	0	3723.5	1	3724.0	0	3724.5	1	3740.5	0
3748.5	1	3761.0	0	3772.5	1	3785.0	0	3790.5	1
3795.5	0	3796.5	2	3800.0	0	3817.5	1	3840.5	0
3841.0	1	3863.5	0	3877.0	1	3897.0	0	3900.0	1
3904.0	3	3908.0	1	3927.5	0	3939.5	1	3952.5	0
3967.5	1	3975.0	0	3983.0	1	3996.5	0	3999.5	1
4001.0	3	4005.5	1	4027.5	0	4028.0	1	4028.5	0
4038.5	1	4039.0	0	4039.5	1	4063.5	0	4073.5	1
4094.0	0	4103.5	1	4108.0	0	4114.0	1	4129.5	0
4136.0	1	4140.5	0	4147.0	1	4159.5	0	4178.0	1

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER
TO - NEWTON HIGHLANDS
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
4194.5	0	4205.0	1	4229.5	0	4241.0	1
4270.5	1	4271.0	0	4280.5	1	4297.5	0
4335.0	0	4335.5	1	4345.0	0	4347.5	1
4353.0	1	4365.5	0	4370.0	1	4370.5	0
4373.5	0	4374.0	1	4387.5	0	4400.0	1
4408.5	1	4419.5	0	4420.0	1	4426.0	0
4455.0	0	4466.5	1	4474.0	0	4478.0	1
4501.0	1	4525.5	0	4532.5	1	4536.5	0
4557.5	0	4566.0	1	4567.0	0	4570.0	1
4600.5	1	4603.0	0	4609.5	1	4624.0	0
4636.5	0	4645.0	1	4658.0	0	4665.5	1
4671.0	1	4687.5	0	4691.5	1	4708.5	0
4722.5	0	4725.5	1	4727.0	3	4729.5	1
4776.5	1	4791.5	0	4793.5	1	4799.0	0
4821.5	0	4826.5	1	4832.5	0	4840.5	1
4876.5	1	4888.5	0	4892.5	1	4905.5	0
4916.5	0	4922.0	1	4931.0	0	4941.5	1
4952.5	1	4958.5	0	4959.5	1	4966.0	0
4996.0	0	4997.0	1	4998.0	3	4999.0	1
5002.0	1	5003.0	0	5003.5	1	5005.5	0
5010.0	0	5011.0	1	5018.0	0	5022.5	1
5038.5	1	5051.0	0	5052.5	1	5061.5	0
5069.5	0	5072.0	1	5087.0	0	5087.5	1
5099.0	1	5099.5	0	5107.5	1	5113.0	0
5134.0	0	5134.5	1	5135.5	0	5140.0	1
5150.5	1	5153.0	0	5158.5	1	5174.5	0
5197.0	0	5203.5	1	5212.5	0	5215.5	1
5217.5	1	5218.0	0	5220.0	1	5220.5	0
5241.5	0	5246.0	1	5256.5	0	5263.5	1

Figure 22 Newton Center to Newton Highlands Data (cont'd)

FROM - NEWTON CENTER

TO - NEWTON HIGHLANDS

RIGHT PROFILE

PAGE A 6

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
5276.5	1	5287.5	0	5295.5	1	5305.0	0
5326.0	0	5330.5	1	5331.0	3	5335.0	1
5347.0	1	5354.0	0	5359.5	1	5361.0	0
5387.0	0	5390.5	1	5396.0	0	5396.5	1
5397.5	1	5398.0	0				

Figure 22 Newton Center to Newton Highlands Data (cont'd)

PAGE B 1

FROM - NEWTON CENTER
 TO - NEWTON HIGHLANDS
 RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
631.5	3	-0.841	968.0	3	-0.767	1925.0	3	-0.842
2025.5	3	-0.784	2075.0	3	-0.945	2165.0	3	-1.034
2195.0	3	-0.956	2225.0	3	-0.861	2574.0	3	-1.025
3140.0	3	-0.862	3141.0	3	-0.768	3904.0	3	-0.905
4001.0	3	-0.816	4351.0	3	-1.015	4727.0	3	-0.823
4998.0	3	-0.896	5001.0	3	-0.998	5331.0	3	-0.811

Figure 22 Newton Center to Newton Highlands Data (cont'd)

Figure 22 Newton Center to Newton Highlands Data (cont'd)

PAGE C 1					
FROM - NEWTON CENTER TO - NEWTON HIGHLANDS RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	0	0	0.0
2	0.75	0.25	19	35.5	
0	0.25	-0.25	356	3544.5	
1	-0.25	-0.75	354	1788.5	
3	-0.75	-99.00	18	31.5	

FROM - NEWTON HIGHLANDS
TO - ELIOT
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
22.0	0	22.5	1	23.0	0	25.5	1
40.5	1	89.0	0	91.5	1	95.5	0
96.5	0	97.0	2	123.0	0	124.0	1
157.5	1	160.5	0	164.0	2	175.5	0
186.0	0	190.5	1	218.5	0	224.0	1
230.0	2	254.0	0	258.5	1	261.0	0
286.0	0	289.5	1	294.0	0	295.0	2
325.0	1	341.5	0	342.0	2	367.0	0
419.0	0	422.0	1	486.0	0	489.0	1
521.0	1	582.5	0	587.0	1	590.5	0
591.5	0	592.0	2	599.5	0	603.0	2
610.0	2	610.5	0	612.0	2	612.5	0
643.5	0	648.5	1	660.0	0	664.0	2
741.0	2	748.0	0	754.0	1	762.5	0
763.5	0	766.5	2	869.0	0	875.0	1
884.0	2	902.0	0	907.0	1	935.0	0
961.0	0	966.0	2	968.5	0	974.0	1
982.0	1	1001.5	0	1005.5	1	1033.5	0
1037.5	3	1039.0	1	1041.5	0	1042.0	2
1048.5	2	1084.5	0	1085.5	2	1101.0	0
1102.0	0	1104.0	1	1133.5	0	1138.5	1
1170.0	1	1216.0	0	1220.0	1	1282.5	0
1285.0	0	1285.5	1	1311.5	0	1312.0	2
1320.0	1	1348.5	0	1353.5	1	1380.0	0
1386.5	0	1388.5	2	1415.0	0	1417.0	1
1452.5	1	1460.0	0	1485.0	1	1514.0	0
1548.0	0	1548.5	1	1571.5	0	1579.0	1
1637.5	1	1691.5	0	1695.0	1	1698.0	0
1783.5	0	1785.5	1	1917.5	0	1921.5	1

Figure 23 Newton Highlands to Eliot Data

FROM - NEWTON HIGHLANDS
TO - ELIOT
LEFT PROFILE

FEET	ZONE								
1925.5	2	1926.0	0	1926.5	2	2000.0	0	2003.5	1
2028.0	0	2031.0	1	2031.5	3	2033.5	1	2036.5	0
2037.0	2	2038.0	0	2038.5	2	2040.5	0	2041.0	2
2061.5	0	2065.0	1	2094.5	0	2095.5	2	2099.0	0
2104.0	1	2138.0	0	2138.5	1	2139.5	0	2141.5	1
2149.0	0	2152.5	1	2156.5	0	2159.5	2	2168.0	0
2168.5	1	2169.0	0	2170.0	1	2183.5	0	2184.0	1
2192.5	0	2196.5	2	2199.5	0	2203.0	1	2209.5	0
2212.5	1	2228.0	0	2229.0	1	2229.5	0	2230.5	1
2254.0	0	2254.5	1	2255.5	0	2256.0	1	2282.5	0
2285.0	2	2288.5	0	2293.5	1	2313.0	0	2316.5	1
2336.0	0	2337.5	2	2351.5	0	2357.5	1	2371.0	0
2374.5	2	2400.0	0	2402.5	2	2407.0	0	2408.0	1
2410.5	0	2411.0	1	2460.0	0	2463.0	1	2516.5	0
2517.0	2	2602.0	0	2605.0	1	2628.0	0	2629.0	1
2633.0	0	2634.0	2	2661.0	0	2661.5	1	2688.5	0
2689.5	1	2691.0	0	2693.0	1	2700.0	0	2701.5	2
2731.5	0	2734.0	2	2746.0	0	2746.5	1	2773.5	0
2775.0	1	2863.0	0	2867.0	2	3017.5	0	3022.0	1
3081.5	0	3085.5	1	3111.0	0	3111.5	1	3112.0	0
3112.5	1	3168.0	0	3168.5	1	3169.0	0	3169.5	1
3170.0	0	3171.0	1	3178.5	0	3181.0	2	3187.0	0
3190.5	1	3195.5	0	3197.0	2	3245.0	0	3245.5	2
3250.5	0	3254.0	1	3309.0	0	3315.0	1	3342.5	0
3346.5	1	3357.5	0	3358.5	2	3453.5	0	3454.0	1
3461.5	0	3463.0	2	3520.5	0	3521.0	1	3612.0	0
3615.0	1	3622.0	0	3623.0	2	3671.0	0	3671.5	2
3730.0	0	3730.5	1	3731.0	0	3735.5	1	3790.0	0
3793.0	1	3847.5	0	3848.0	1	3848.5	0	3851.0	1

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS
 TO - ELIOT
 LEFT PROFILE

PAGE A 3

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3944.5	0	3946.5	1	4060.0	0	4061.5	1
4188.0	1	4190.0	0	4194.0	2	4307.5	0
4415.5	0	4417.0	1	4424.0	0	4427.0	2
4435.0	1	4547.0	0	4550.5	2	4555.0	0
4557.0	0	4557.5	1	4558.0	0	4558.5	1
4607.5	2	4648.0	0	4649.0	2	4653.0	0
4656.0	0	4656.5	1	4677.5	0	4682.5	2
4687.5	1	4757.0	0	4761.5	1	4780.0	0
4822.5	0	4925.0	1	4930.5	0	4936.5	2
4884.5	2	5031.5	0	5033.0	2	5089.0	0
5149.5	0	5153.5	1	5225.0	0	5228.5	2
5288.5	1	5354.5	0	5359.5	1	5386.5	0
5419.5	0	5421.0	1	5505.5	0	5506.5	2
5586.0	1	5671.0	0	5671.5	1	5672.0	0
5676.5	0	5679.0	2	5700.0	0	5701.5	1
5733.0	1	5740.5	0	5745.0	2	5756.5	0
5771.0	0	5775.5	2	5786.5	0	5787.0	1
5790.0	1						

Figure 23 Newton Highlands to Eliot Data (cont'd)

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS TO - ELIOT LEFT PROFILE				PAGE B 1				
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1037.5	3	-0.868	2031.5	3	-0.793			

FROM - NEWTON HIGHLANDS
TO - ELIOT
LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	0	0.0
	0.75	0.25	64	133.5
2	0.25	-0.25	186	5329.0
0	0.25	-0.75	124	335.5
1	-0.25	-0.75	2	2.0
	-0.75	-99.00		
3				

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS
 TO - ELIOT
 RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
12.0	0	16.0	1	16.5	0	17.5	1	20.0	0	20.0	1
20.5	1	21.0	0	21.5	1	34.0	0	47.0	1	47.0	0
54.0	0	55.0	1	66.0	0	66.5	1	73.0	0	73.0	1
80.5	1	102.0	0	113.0	1	120.5	0	125.0	1	125.0	0
139.0	0	147.5	1	172.0	0	179.5	1	183.0	0	183.0	1
189.0	1	204.0	0	213.0	1	214.0	0	217.0	1	217.0	0
234.5	0	235.0	1	239.5	0	247.5	1	249.5	0	249.5	0
256.5	1	270.5	0	277.5	1	283.0	0	292.0	1	292.0	0
304.5	0	312.0	1	315.0	0	318.0	1	334.0	0	334.0	0
338.5	1	369.5	0	372.5	1	373.5	3	376.5	1	376.5	1
406.0	0	423.0	1	438.5	0	440.5	1	446.0	0	446.0	0
451.5	1	468.5	0	473.5	1	479.0	0	487.0	1	487.0	0
496.5	0	497.0	1	513.5	0	523.0	1	535.0	0	535.0	0
539.0	1	552.0	0	554.0	1	563.5	0	568.5	1	568.5	0
577.5	0	588.0	1	594.5	0	599.0	1	605.0	0	605.0	0
606.0	1	612.5	0	620.5	1	640.0	0	648.0	3	648.0	3
642.5	0	643.5	1	644.5	3	645.5	1	648.0	3	648.0	3
648.5	1	656.5	0	657.5	1	664.5	0	669.0	1	669.0	1
676.5	0	685.0	1	696.0	0	696.5	1	697.0	0	697.0	0
699.5	1	708.5	0	719.0	1	734.0	0	734.5	1	734.5	1
742.5	0	754.5	1	759.5	0	761.5	1	780.0	0	780.0	0
780.5	1	781.0	0	781.5	1	782.0	0	786.5	1	786.5	1
794.5	0	797.5	1	799.5	0	805.5	1	821.5	0	821.5	0
830.5	1	844.0	0	850.0	1	859.0	0	864.0	1	864.0	1
864.5	0	865.0	1	865.5	0	877.0	1	877.5	0	877.5	0
878.0	1	888.0	0	892.5	1	903.0	0	910.0	1	910.0	1
919.0	0	923.0	1	934.5	0	942.5	1	952.0	0	952.0	0
955.0	1	973.0	0	977.0	1	977.5	3	981.5	1	981.5	1
990.0	0	994.0	1	1001.0	0	1006.0	1	1008.0	0	1008.0	0

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS
 TO - ELIOT
 RIGHT PROFILE

FEET	ZONE								
1021.0	1	1034.0	0	1037.0	1	1043.0	0	1043.5	1
1044.0	0	1044.5	1	1045.0	0	1045.5	1	1046.0	0
1046.5	1	1047.0	0	1047.5	1	1060.5	0	1070.0	1
1086.0	0	1101.0	1	1121.0	0	1130.5	1	1149.5	0
1159.5	1	1165.5	0	1172.0	1	1184.0	0	1191.0	1
1196.5	0	1203.0	1	1212.5	0	1221.0	1	1228.5	0
1240.0	1	1251.0	0	1260.0	1	1270.5	0	1275.0	1
1282.0	0	1282.5	1	1283.0	0	1290.5	1	1314.0	0
1324.5	1	1346.5	0	1349.0	1	1349.5	3	1353.5	1
1366.0	0	1371.0	1	1381.0	0	1390.5	1	1400.0	0
1400.5	1	1414.0	0	1425.0	1	1436.5	0	1437.0	1
1447.5	0	1455.5	1	1462.0	0	1470.5	1	1479.5	0
1484.5	1	1499.0	0	1504.5	1	1513.5	0	1516.5	1
1522.0	0	1529.5	1	1545.5	0	1552.0	1	1566.0	0
1574.5	1	1578.5	0	1580.5	1	1604.0	0	1609.5	1
1610.5	0	1611.0	1	1631.5	0	1640.5	1	1641.0	0
1642.0	1	1663.0	0	1670.0	1	1685.0	0	1685.5	1
1686.0	0	1687.0	1	1687.5	0	1688.0	1	1691.5	0
1698.0	1	1707.0	0	1717.0	1	1726.5	0	1734.5	1
1744.5	0	1748.5	1	1756.5	0	1761.5	1	1766.0	0
1767.0	1	1768.0	0	1768.5	1	1779.0	0	1783.5	1
1795.5	0	1803.0	1	1806.0	0	1809.0	1	1817.5	0
1818.0	1	1821.5	0	1831.5	1	1840.0	0	1845.5	1
1847.0	0	1850.5	1	1859.5	0	1867.0	1	1875.5	0
1876.0	1	1878.5	0	1879.5	1	1880.0	0	1880.5	1
1894.0	0	1899.0	1	1901.0	0	1903.0	1	1909.5	0
1910.0	1	1913.5	0	1918.0	1	1931.5	0	1939.5	1
1947.5	0	1951.0	1	1955.5	0	1956.0	1	1956.5	0
1957.5	1	1958.0	0	1963.5	1	1964.0	0	1965.0	1

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS
TO - ELIOT
RIGHT PROFILE

FEET	ZONE								
1965.5	0	1970.0	1	1975.5	0	1977.0	1	1986.0	0
1987.0	1	1987.5	0	1990.5	1	1996.5	0	2003.0	1
2016.5	0	2036.5	1	2051.5	0	2064.0	1	2078.0	0
2087.0	1	2088.0	0	2088.5	1	2089.0	0	2089.5	1
2096.0	0	2108.0	1	2112.0	0	2112.5	1	2113.0	0
2113.5	1	2135.0	0	2142.5	1	2143.0	0	2144.0	1
2144.5	0	2155.0	1	2179.5	0	2187.5	1	2209.0	0
2214.5	1	2220.0	0	2232.5	1	2248.5	0	2252.0	1
2253.5	3	2257.0	1	2257.5	0	2258.0	1	2279.5	0
2284.0	1	2285.5	0	2300.0	1	2314.5	0	2324.5	1
2325.0	0	2325.5	1	2326.0	0	2331.0	1	2337.0	0
2337.5	2	2348.0	0	2350.0	1	2355.5	3	2358.0	1
2358.5	0	2359.0	1	2381.0	0	2384.0	1	2387.0	3
2389.5	1	2406.0	0	2413.0	1	2414.0	0	2417.0	1
2420.0	3	2422.5	1	2449.0	0	2455.5	1	2458.0	0
2459.0	1	2459.5	0	2460.0	1	2461.0	0	2462.0	1
2470.0	0	2480.5	1	2484.0	0	2484.5	2	2497.0	0
2499.5	1	2520.0	0	2520.5	1	2521.0	0	2530.0	1
2537.5	0	2538.0	1	2562.0	0	2567.0	1	2575.0	0
2579.5	1	2592.0	0	2614.0	1	2621.5	0	2630.5	1
2646.5	0	2647.0	1	2647.5	0	2654.5	1	2666.0	0
2666.5	2	2671.5	0	2678.0	1	2681.0	0	2682.5	2
2691.5	0	2697.0	1	2708.5	0	2713.0	1	2713.5	0
2714.0	1	2716.0	0	2716.5	1	2718.0	0	2719.0	1
2719.5	0	2720.0	1	2722.0	0	2722.5	1	2723.0	0
2728.0	1	2740.5	0	2746.0	1	2753.5	0	2762.5	1
2770.0	0	2777.5	1	2781.5	0	2782.5	2	2785.5	0
2796.0	1	2813.0	0	2814.0	1	2814.5	0	2819.5	1
2828.5	0	2835.5	1	2839.0	0	2844.5	1	2850.5	0

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS
TO - ELIOT
RIGHT PROFILE

FEET	ZONE								
2851.0	1	2852.0	0	2852.5	1	2858.5	0	2861.0	1
2869.0	0	2875.5	1	2880.5	0	2881.0	2	2887.0	0
2892.0	1	2901.0	0	2910.0	1	2913.0	0	2914.5	2
2919.0	0	2919.5	1	2932.0	0	2940.5	1	2944.5	0
2945.0	2	2945.5	0	2947.5	2	2950.0	0	2959.5	1
2966.5	0	2976.0	1	2978.5	0	2981.5	2	2984.5	0
2995.0	1	3016.0	0	3026.0	1	3049.0	0	3056.5	1
3066.0	0	3070.0	1	3078.0	0	3085.5	1	3105.5	0
3109.5	1	3110.0	0	3111.0	1	3111.5	0	3117.0	1
3135.0	0	3139.0	1	3141.0	0	3144.5	1	3145.5	3
3148.0	1	3165.0	0	3174.5	1	3177.5	0	3179.5	2
3183.5	0	3191.0	1	3199.0	0	3208.0	1	3211.5	0
3212.0	2	3220.5	0	3225.0	1	3247.5	0	3256.0	1
3267.0	0	3273.5	1	3282.5	0	3283.0	1	3292.0	0
3303.5	1	3305.0	0	3309.0	1	3319.5	0	3320.0	1
3320.5	0	3321.0	1	3340.5	0	3347.0	1	3354.5	0
3356.5	1	3380.0	0	3388.0	1	3397.0	0	3404.5	1
3408.5	0	3409.0	2	3412.5	0	3413.0	1	3413.5	0
3414.5	1	3418.5	0	3421.0	1	3430.0	0	3431.0	1
3445.5	0	3448.0	1	3471.0	0	3479.5	1	3484.5	0
3489.0	1	3513.5	0	3514.0	1	3514.5	0	3520.0	1
3529.5	0	3537.5	1	3540.5	0	3542.5	2	3546.0	0
3550.5	1	3565.0	0	3565.5	1	3566.0	0	3570.0	1
3579.0	0	3582.0	1	3582.5	0	3583.0	1	3596.0	0
3603.5	1	3608.0	0	3613.0	1	3633.0	0	3639.5	1
3641.5	0	3642.0	1	3672.0	0	3672.5	1	3673.0	0
3679.0	1	3702.5	0	3705.5	1	3706.0	0	3706.5	1
3707.5	0	3708.0	1	3710.0	0	3715.0	1	3733.5	0
3734.0	1	3741.0	0	3745.0	1	3748.5	0	3750.5	1

Figure 23 Newton Highlands to Elliot Data (cont'd)

FROM - NEWTON HIGHLANDS
 TO - ELIOT
 RIGHT PROFILE

FEET	ZONE								
3769.0	0	3776.0	1	3796.5	0	3802.5	1	3816.5	0
3918.0	1	3843.0	0	3845.0	1	3845.5	0	3850.5	1
3876.5	0	3880.0	1	3894.5	0	3903.0	1	3913.5	0
3918.0	1	3938.5	0	3942.5	1	3960.0	0	3965.0	1
3976.0	0	3982.0	1	3995.0	0	4000.5	1	4009.5	0
4019.0	1	4039.5	0	4043.5	1	4044.0	0	4044.5	1
4059.0	0	4065.0	1	4087.0	0	4087.5	1	4098.0	0
4099.5	1	4100.5	0	4101.0	1	4101.5	0	4102.0	1
4102.5	0	4108.0	1	4141.0	0	4148.5	1	4175.0	0
4180.0	1	4204.5	0	4210.5	1	4211.0	0	4211.5	1
4226.5	0	4228.5	1	4298.5	0	4300.0	1	4311.5	0
4312.0	1	4327.0	0	4332.0	1	4342.5	0	4343.0	1
4343.5	0	4344.0	1	4364.5	0	4369.5	1	4389.5	0
4392.5	1	4413.5	0	4417.5	1	4430.5	0	4431.0	1
4456.5	0	4462.5	1	4508.5	0	4513.5	1	4521.5	0
4527.5	1	4537.0	0	4539.5	1	4560.0	0	4565.5	1
4593.5	0	4598.5	1	4605.5	0	4606.0	1	4606.5	0
4610.0	1	4651.5	0	4652.0	1	4652.5	0	4653.5	1
4654.5	0	4656.5	1	4680.5	0	4683.5	1	4718.0	0
4721.0	1	4730.0	0	4730.5	1	4731.0	0	4731.5	1
4732.0	0	4732.5	1	4733.0	0	4733.5	1	4756.5	0
4763.0	1	4778.0	0	4778.5	1	4779.0	0	4779.5	1
4780.0	0	4784.5	1	4818.0	0	4819.0	1	4819.5	0
4820.0	1	4820.5	0	4823.5	1	4824.0	0	4824.5	1
4825.5	0	4826.0	1	4852.0	0	4852.5	1	4853.0	0
4853.5	1	4880.5	0	4885.5	1	4933.0	0	4939.0	1
4963.5	0	4967.5	1	4968.0	0	4968.5	1	4992.0	0
4996.0	1	5020.0	0	5026.5	1	5050.0	0	5056.5	1
5086.5	0	5092.0	1	5111.0	0	5114.0	1	5129.5	0

Figure 23 Newton Highlands to Eliot Data (cont'd)

Figure 23 Newton Highlands to Eliot Data (cont'd)

FROM - NEWTON HIGHLANDS TO - ELIOT RIGHT PROFILE							
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
5132.0	1	5167.0	0	5172.5	1	5188.5	0
5198.0	0	5203.5	1	5230.5	0	5235.0	1
5249.5	1	5277.0	0	5287.5	1	5321.5	0
5342.0	0	5345.0	2	5347.0	0	5349.0	1
5356.5	1	5380.5	0	5389.0	1	5411.5	0
5432.0	0	5433.5	2	5437.0	0	5441.5	1
5501.0	1	5522.5	0	5523.0	1	5523.5	0
5544.5	0	5545.0	1	5581.5	0	5588.0	1
5620.0	1	5643.5	0	5650.5	1	5695.5	0
5724.5	0	5725.0	1	5752.5	0	5758.0	1
5788.0	1						

Figure 25 Newton Highlands to Elliot Data (cont'd)

FROM - NEWTON HIGHLANDS TO - ELLIOT RIGHT PROFILE						PAGE B 1		
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
373.5	3	-0.822	644.5	3	-0.882	648.0	3	-0.982
977.5	3	-0.816	1349.5	3	-0.762	2253.5	3	-0.839
2355.5	3	-1.051	2387.0	3	-0.979	2420.0	3	-0.991
3145.5	2	-0.842	5351.0	2	-0.794			

Figure 23 Newton Highlands to Elliot Data (cont'd)

PAGE C 1

FROM - NEWTON HIGHLANDS
TO - ELIOT
RIGHT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	0	0.0
2	0.75	0.25	16	21.0
0	0.25	-0.25	377	4100.0
1	-0.25	-0.75	372	1657.5
3	-0.75	-99.00	11	21.5

PAGE A 1

FROM - ELIOT
TO - LABAN PROFILE

Figure 24 Eliot to Waban Data

FROM - ELIOT
TO - WABAN
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
2642.5	2	2664.5	0	2669.0	1	2695.5	0
2782.5	0	2785.5	1	2814.0	0	2817.5	1
2852.0	1	2855.0	0	2858.0	2	2879.0	0
2881.5	0	2882.0	1	3172.0	0	3176.5	1
3230.0	1	3260.5	0	3265.0	1	3268.0	0
3290.5	0	3295.0	1	3409.0	0	3411.0	1
3531.5	1	3558.0	0	3561.5	1	3571.0	0
3643.5	0	3646.5	1	3673.0	0	3673.5	1
3677.5	1	3931.0	0	3935.0	2	3937.5	0
3995.5	0	4001.0	1	4048.0	0	4052.0	2
4058.0	1	4080.5	0	4084.0	2	4086.0	0
4091.5	0	4092.0	1	4139.0	0	4143.5	1
4165.0	2	4170.0	0	4172.0	1	4343.5	0
4349.0	0	4351.5	2	4452.5	0	4465.0	1
4511.5	1	4514.5	0	4515.0	2	4542.0	0
4572.5	0	4576.0	1	4670.5	0	4672.0	1
4738.5	1	4765.0	0	4770.5	1	4932.0	0
4896.0	0	4897.5	1	4941.5	0	4944.0	2
4978.0	2	4989.5	0	4990.0	2	4990.5	0
4995.5	0	5000.0	1	5001.0	0	5005.0	2
5017.0	0	5070.5	0	5074.0	1	5074.5	0
5084.5	0	5088.0	2	5089.0	0	5090.5	1
5094.0	1	5097.5	0	5098.5	2	5139.5	0
5154.0	0	5154.5	1	5155.0	0	5156.0	1
5173.0	1	5174.5	0	5175.5	2	5197.0	0
5231.5	0	5235.0	1	5252.5	0	5253.5	2
5280.5	1	5281.0	0	5283.5	1	5329.0	0
5381.0	0	5381.5	1	5382.0	0	5382.5	1

Figure 24 Eliot to Waban Data (cont'd)

PAGE B 1

FROM - ELIOT
TO - WABAN
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
5091.5	3	-0.821						

Figure 24 Eliot to Waban Data (cont'd)

Figure 24 Eliot to Waban Data (cont'd)

PAGE C 1

FROM - ELIOT
TO - WABAN
LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	0	0
2	0.75	0.25	46	110.5
0	0.25	-0.25	141	5033.0
1	-0.25	-0.75	96	255.5
3	-0.75	-99.00	1	1.0

FROM - ELIOT
TO - WABAN
RIGHT PROFILE

FEET	ZONE								
3.5	0	5.0	1	6.0	0	6.5	1	7.0	0
13.5	1	45.5	0	54.0	1	80.5	0	85.5	1
110.0	0	116.0	1	132.0	0	134.0	1	204.0	0
205.5	1	217.0	0	218.0	1	232.5	0	237.5	1
248.0	0	248.5	1	249.0	0	249.5	1	270.0	0
275.0	1	295.0	0	298.0	1	319.0	0	323.0	1
335.0	0	335.5	1	336.0	0	336.5	1	362.0	0
368.0	1	414.0	0	419.0	1	426.5	0	433.0	1
442.5	0	445.0	1	465.5	0	471.0	1	499.0	0
504.0	1	511.0	0	511.5	1	512.0	0	515.5	1
557.0	0	557.5	1	558.0	0	559.0	1	559.5	0
562.0	1	586.0	0	589.0	1	623.5	0	626.5	1
635.5	0	636.0	1	636.5	0	637.0	1	637.5	0
638.0	1	638.5	0	639.0	1	662.0	0	668.5	1
683.5	0	684.0	1	684.5	0	685.0	1	685.5	0
689.0	1	689.5	0	690.0	1	724.0	0	724.5	1
725.0	0	729.0	1	729.5	0	730.0	1	731.0	0
731.5	1	757.5	0	758.0	1	758.5	0	759.0	1
786.0	0	791.0	1	838.5	0	844.5	1	869.0	0
874.0	1	897.5	0	901.5	1	925.5	0	932.0	1
955.5	0	962.0	1	992.0	0	997.5	1	1016.5	0
1019.5	1	1035.0	0	1037.5	1	1072.5	0	1078.0	1
1094.0	0	1095.5	1	1103.5	0	1108.5	1	1136.0	0
1140.5	1	1154.5	0	1155.0	1	1182.5	0	1193.0	1
1227.0	0	1231.5	1	1247.5	0	1250.5	2	1252.5	0
1254.5	1	1256.5	3	1262.0	1	1285.5	0	1294.5	1
1317.0	0	1323.5	1	1337.5	0	1339.0	2	1342.5	0
1347.0	1	1401.0	0	1406.5	1	1428.0	0	1428.5	1
1429.0	0			1449.0	0	1449.5	1	1450.0	0

Figure 24 Eliot to Waban Data (cont'd)

FROM - ELIOT
TO - WABAN
RIGHT PROFILE

FEET	ZONE										
1450.5	1	1487.0	0	1493.5	1	1519.5	0	1525.5	1	1530.0	0
1549.0	0	1555.5	1	1601.0	0	1601.5	1	1630.0	0	1630.0	0
1630.5	1	1658.0	0	1663.5	1	1689.0	0	1693.5	1	1693.5	0
1735.5	0	1738.0	1	1778.0	0	1786.5	1	1791.5	0	1791.5	0
1793.5	1	1815.0	0	1822.5	1	1870.5	0	1872.5	1	1872.5	1
1893.5	0	1898.5	1	1919.0	0	1924.0	1	1948.5	0	1948.5	0
1951.0	1	2007.0	0	2012.0	1	2034.5	0	2042.5	1	2042.5	1
2112.0	0	2116.0	1	2122.0	0	2125.5	1	2171.5	0	2171.5	0
2173.5	1	2183.0	0	2185.5	1	2198.5	0	2199.0	1	2199.0	1
2199.5	0	2205.0	1	2226.0	0	2229.0	1	2258.5	0	2258.5	0
2259.0	1	2271.0	0	2281.5	1	2315.0	0	2323.0	1	2323.0	1
2341.0	0	2341.5	1	2342.0	0	2346.0	1	2373.5	0	2373.5	0
2384.5	1	2405.0	0	2405.5	1	2414.5	0	2419.0	1	2419.0	1
2447.0	0	2452.5	1	2454.0	0	2454.5	1	2463.0	0	2463.0	0
2455.0	1	2497.0	0	2497.5	1	2501.5	0	2502.0	1	2502.0	1
2517.5	0	2519.5	1	2607.0	0	2609.0	1	2663.5	0	2663.5	0
2664.0	1	2664.5	0	2665.0	1	2665.5	0	2666.0	1	2666.0	1
2682.0	0	2684.0	1	2717.0	0	2722.0	1	2782.0	0	2782.0	0
2784.5	1	2815.0	0	2820.0	1	2880.5	0	2886.0	1	2886.0	1
2909.0	0	2915.0	1	2977.0	0	2978.0	1	2989.0	0	2989.0	0
2996.0	1	3051.5	0	3056.5	1	3063.5	0	3068.5	1	3068.5	1
3098.0	0	3104.5	1	3127.5	0	3132.5	1	3142.5	0	3142.5	0
3146.0	1	3167.5	0	3174.0	1	3187.0	0	3188.0	1	3188.0	1
3188.5	0	3189.0	1	3213.5	0	3214.0	1	3214.5	0	3214.5	0
3220.0	1	3227.0	0	3230.5	1	3245.5	0	3251.5	1	3251.5	1
3254.0	0	3256.0	2	3276.5	0	3279.5	1	3307.0	0	3307.0	0
3310.0	1	3337.0	0	3338.5	1	3346.0	0	3349.0	1	3349.0	1
3394.5	0	3397.0	1	3410.0	0	3412.5	1	3422.0	0	3422.0	0
3422.5	1	3423.0	0	3426.0	1	3478.0	0	3479.0	1	3479.0	1

Figure 24 Eliot to Waban Data (cont'd)

FROM - ELIOT
 TO - WABAN
 RIGHT PROFILE

FEET	ZONE								
3479.5	0	3482.0	1	3514.0	0	3518.0	1	3541.0	0
3543.5	1	3562.0	0	3562.5	1	3592.5	0	3597.0	1
3669.5	0	3674.5	1	3715.5	0	3719.0	1	3742.5	0
3748.0	1	3758.0	0	3762.5	1	3779.5	0	3780.5	1
3781.0	0	3781.5	1	3801.5	0	3810.0	1	3825.5	0
3828.5	1	3866.0	0	3870.0	1	3909.0	0	3909.5	1
3923.5	0	3929.0	1	3986.0	0	3990.0	1	4022.5	0
4023.0	1	4023.5	0	4024.0	1	4024.5	0	4025.5	1
4026.0	0	4026.5	1	4027.0	0	4029.0	1	4043.5	0
4046.5	1	4066.5	0	4068.0	1	4090.0	0	4090.5	1
4091.0	0	4092.0	1	4092.5	0	4093.0	1	4111.0	0
4111.5	1	4140.0	0	4143.0	1	4187.5	0	4192.5	1
4222.0	0	4227.0	1	4253.0	0	4257.0	1	4271.0	0
4273.0	1	4306.0	0	4307.0	1	4310.5	0	4311.0	1
4339.5	0	4340.0	1	4348.0	0	4349.5	1	4351.5	0
4352.0	1	4352.5	0	4353.0	1	4374.0	0	4379.5	1
4399.5	0	4402.0	1	4445.5	0	4450.5	1	4460.0	0
4461.0	1	4517.5	0	4518.5	1	4519.0	0	4522.0	1
4567.5	0	4568.0	1	4569.0	0	4569.5	1	4580.0	0
4584.0	1	4604.5	0	4608.5	1	4700.5	0	4703.5	1
4721.5	0	4724.0	1	4750.5	0	4754.5	1	4780.5	0
4784.5	1	4811.0	0	4816.0	1	4837.0	0	4842.5	1
4846.0	0	4846.5	2	4864.5	0	4866.5	1	4901.5	0
4904.5	1	4921.0	0	4925.5	1	4979.0	0	4986.0	1
4997.5	0	5000.5	1	5004.0	0	5005.5	2	5007.5	0
5008.5	2	5012.5	0	5013.5	1	5014.5	0	5015.0	1
5015.0	0	5017.5	1	5029.5	0	5030.0	1	5031.5	0
5032.5	1	5033.5	0	5034.0	1	5050.5	0	5051.0	1
5056.0	0	5058.5	1	5060.0	0	5062.5	1	5069.5	0

Figure 24 Eliot to Waban Data (cont'd)

Figure 24 Eliot to Waban Data (cont'd)

FROM - ELIOT			TO - WABAN			RIGHT PROFILE			
FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	
5071.0	1	5071.5	0	5074.0	1	5086.0	0	5089.0	1
5091.0	0	5091.5	2	5094.0	0	5096.0	1	5117.5	0
5120.0	1	5120.5	0	5121.5	1	5151.5	0	5156.0	1
5160.5	0	5162.5	1	5164.5	0	5167.5	2	5168.0	0
5172.0	1	5173.0	0	5176.0	2	5179.0	0	5183.5	1
5190.5	0	5192.0	2	5194.0	0	5200.5	1	5228.5	0
5232.5	1	5233.0	3	5237.0	1	5258.5	0	5259.5	1
5282.5	0	5283.5	1	5314.0	0	5319.0	1	5329.0	0
5334.0	1	5344.5	0	5350.5	1	5383.0	0	5387.0	1
5387.5	0	5388.0	1						

Figure 24 Eliot to Waban Data (cont'd)

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FROM - ELIOT
TO - WABAN
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
1256.5	3	-0.795	5233.0	3	-0.761			

FROM - ELIOT TO - WABAN RIGHT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	0	0.0	
2	0.75	0.25	10	17.5	
0	0.25	-0.25	239	4658.0	
1	-0.25	-0.75	231	722.0	
3	-0.75	-99.00	2	2.5	

Figure 24 Eliot to Waban Data (cont'd)

FROM - WABAN
TO - WOODLAND
LEFT PROFILE

FEET	ZONE								
4.5	0	7.0	2	117.5	0	120.0	1	163.0	0
167.0	1	196.5	0	197.0	1	197.5	0	199.0	1
228.0	0	231.5	1	325.5	0	327.0	1	388.0	0
393.5	1	420.5	0	425.5	1	487.0	0	488.5	1
551.0	0	553.0	1	597.0	0	599.5	2	631.0	0
633.5	2	645.5	0	647.5	2	650.5	0	655.5	1
656.5	0	660.0	2	667.5	0	672.5	1	725.5	0
729.0	1	729.5	0	734.0	2	740.0	0	743.5	2
744.0	0	745.5	1	747.0	3	747.5	1	748.0	3
749.0	1	752.5	0	754.0	2	795.0	0	800.0	2
809.5	0	811.5	1	823.5	0	824.0	1	824.5	3
828.0	1	829.5	0	831.0	2	851.5	0	856.0	1
886.5	0	890.0	1	907.5	0	908.0	2	935.5	0
938.5	1	984.0	0	987.5	1	1036.0	0	1037.5	1
1058.5	0	1059.0	2	1067.5	0	1072.5	1	1078.5	0
1079.5	1	1090.0	0	1095.0	2	1160.0	0	1103.0	1
1135.0	0	1136.5	1	1142.5	0	1145.0	2	1165.5	0
1169.5	1	1184.0	0	1187.0	1	1195.5	0	1198.5	2
1291.5	0	1294.0	1	1333.5	0	1336.5	1	1432.0	0
1435.0	1	1489.5	0	1490.0	1	1554.0	0	1558.5	1
1562.0	0	1562.5	2	1588.0	0	1588.5	1	1589.5	0
1590.0	1	1593.5	0	1596.5	2	1689.0	0	1690.5	1
1694.5	0	1695.0	2	1695.5	0	1696.0	2	1696.5	0
1698.5	2	1699.0	0	1699.5	2	1751.0	0	1751.5	2
1756.0	0	1757.0	1	1757.5	0	1758.0	1	1820.0	0
1823.0	1	1854.0	0	1854.5	1	1984.0	0	1990.5	1
2018.5	0	2019.5	2	2020.0	0	2021.5	2	2046.5	0
2047.0	1	2047.5	0	2049.5	1	2078.0	0	2083.0	1
2111.0	0	2114.5	1	2118.0	0	2121.0	0	2144.0	0

Figure 25 Waban to Woodland Data

FROM - WABAN
TO - WOODLAND
LEFT PROFILE

FEET	ZONE	FEET	ZONE								
2150.0	1	2156.0	0	2159.0	2	2159.5	0	2160.0	2		
2203.5	0	2207.0	2	2212.0	0	2212.5	1	2213.0	0		
2216.0	1	2240.5	0	2243.0	2	2246.5	0	2250.0	1		
2278.5	0	2281.5	1	2346.5	0	2347.0	1	2410.0	0		
2416.0	1	2421.0	0	2421.5	2	2422.0	0	2423.5	2		
2443.0	0	2449.0	1	2467.5	0	2471.5	1	2489.0	0		
2492.0	1	2542.0	0	2545.0	1	2633.0	0	2636.5	1		
2669.5	0	2670.0	2	2670.5	0	2671.0	2	2765.5	0		
2767.5	2	2796.5	0	2797.0	1	2930.0	0	2932.5	1		
2961.5	0	2962.0	2	2996.5	0	2998.0	1	3062.5	0		
3064.0	1	3194.0	0	3196.5	1	3328.5	0	3329.0	1		
3393.5	0	3395.0	1	3458.0	0	3462.0	1	3465.5	0		
3466.0	2	3486.5	0	3487.5	2	3491.0	0	3495.0	1		
3517.5	0	3521.0	2	3550.0	0	3552.0	1	3553.5	3		
3556.5	1	3565.0	0	3565.5	2	3566.0	0	3566.5	2		
3592.5	0	3593.0	1	3723.0	0	3723.5	1	3811.0	0		
3813.0	1	3904.0	0	3906.0	1	3912.5	0	3913.0	2		
3952.5	0	3955.5	1	3970.0	0	3971.5	1	3977.0	0		
3977.5	2	4018.0	0	4018.5	1	4019.0	0	4019.5	1		
4020.0	0	4020.5	1	4025.5	0	4026.0	2	4063.5	0		
4067.0	2	4072.5	0	4074.0	1	4078.0	3	4079.5	1		
4082.0	0	4082.5	2	4083.0	0	4083.5	2	4090.5	0		
4094.0	2	4102.5	0	4104.5	1	4128.0	0	4130.5	1		
4152.5	0	4153.0	2	4156.0	0	4160.5	1	4186.0	0		
4188.0	1	4208.0	0	4209.0	1	4209.5	0	4210.0	1		
4222.0	0	4222.5	1	4308.5	0	4311.5	2	4316.0	0		
4319.0	1	4343.0	0	4343.5	2	4353.5	0	4356.0	1		
4376.5	0	4378.0	1	4457.5	0	4458.5	2	4462.0	0		
4466.0	1	4521.0	0	4523.5	1	4549.0	0	4552.0	2		

Figure 25 Waban to Woodland Data (cont'd)

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FROM - WABAN
TO - WOODLAND
LEFT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
4555.0	0	4556.5	1	4577.0	0	4581.5	1
4612.0	1	4707.5	0	4708.5	1	4773.0	0
4811.0	0	4813.0	1	4965.0	0	4969.5	1
5039.0	1	5040.5	0	5045.0	2	5048.5	0
5055.5	0	5057.0	1	5115.5	0	5121.0	2
5127.0	1	5130.5	0	5133.0	2	5135.5	0
5191.5	0	5196.5	1	5198.5	0	5199.5	2
5208.5	2	5213.5	0	5217.5	2	5225.5	0
5340.5	0	5345.5	2	5371.0	0	5373.0	2
5378.5	1	5400.0	0	5401.5	2	5561.0	0
5573.5				5577.5			

Figure 25 Waban to Woodland Data (cont'd)

PAGE B 1

FROM - WABAN
TO - WOODLAND
LEFT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
747.0	3	-0.879	748.0	3	-0.760	824.5	3	-0.758
3553.5	3	-0.885	4078.0	3	-1.141			

Figure 25 Waban to Woodland Data (cont'd)

Figure 25 Waban to Woodland Data (cont'd)

PAGE C 1

FROM - WABAN
TO - WOODLAND
LEFT PROFILE

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	0	0.0
2	0.75	0.25	63	125.5
0	0.25	-0.25	166	5199.0
1	-0.25	-0.75	108	267.5
3	-0.75	-99.00	5	8.0



FROM - WABAN
TO - WOODLAND
RIGHT PROFILE

FEET	ZONE								
3.5	0	5.0	1	5.5	0	6.0	1	6.5	0
7.0	1	7.5	0	8.0	1	9.5	0	10.0	1
29.5	0	34.5	1	55.0	0	57.0	1	100.5	0
105.5	1	115.5	0	116.0	1	173.0	0	177.5	1
222.5	0	223.0	1	223.5	0	224.0	1	235.5	0
239.5	1	259.5	0	264.0	1	356.0	0	358.5	1
376.5	0	379.0	1	405.5	0	410.0	1	435.5	0
439.5	1	466.5	0	471.0	1	492.0	0	498.0	1
501.0	0	502.5	2	519.5	0	521.5	1	557.0	0
559.5	1	576.5	0	580.0	1	634.5	0	640.5	1
653.5	0	655.5	1	659.0	0	660.5	2	662.0	0
662.5	2	663.0	0	664.0	2	668.0	0	669.0	1
671.5	0	672.5	1	684.5	0	685.0	1	688.5	0
689.0	1	715.0	0	717.5	1	727.0	0	729.0	1
741.0	0	743.0	1	745.0	0	747.0	2	750.0	0
751.0	1	773.5	0	774.0	1	774.5	0	775.0	1
776.0	0	776.5	1	807.0	0	811.0	1	816.0	0
817.5	1	818.5	0	819.0	2	819.5	0	823.0	2
823.5	0	827.0	1	828.5	0	831.0	2	834.5	0
838.5	1	845.5	0	847.0	2	849.5	0	855.5	1
883.5	0	887.5	1	888.0	3	892.0	1	899.5	0
900.0	2	913.5	0	915.0	1	937.5	0	938.0	1
938.5	0	939.0	1	969.5	0	974.0	1	974.5	0
975.0	1	984.0	0	989.0	1	999.5	0	1005.5	1
1038.0	0	1042.5	1	1066.5	0	1074.0	1	1076.0	0
1085.0	1	1088.5	0	1094.0	2	1099.0	0	1107.0	1
1164.0	0	1170.0	1	1180.5	0	1185.5	1	1196.5	0
1197.5	2	1224.0	0	1225.5	1	1251.0	0	1261.0	1
1290.5	0	1296.0	1	1355.0	0	1359.0	1	1388.5	0

Figure 25 Waban to Woodland Data (cont'd)

FROM - WABAN
TO - WOODLAND
RIGHT PROFILE

PAGE A 2

FEET	ZONE								
1392.5	1	1419.5	0	1424.5	1	1427.5	0	1430.0	2
1437.5	0	1442.5	1	1486.5	0	1491.5	1	1504.5	0
1506.0	1	1524.0	0	1528.0	1	1550.0	0	1556.5	1
1575.0	0	1579.0	1	1604.0	0	1613.5	1	1639.5	0
1644.0	1	1644.5	0	1645.0	1	1656.0	0	1658.0	1
1673.5	0	1677.0	1	1710.0	0	1712.5	1	1737.0	0
1739.5	1	1756.0	0	1756.5	1	1757.0	0	1757.5	1
1771.0	0	1771.5	1	1772.0	0	1776.5	1	1838.0	0
1841.0	1	1872.0	0	1872.5	1	1903.0	0	1909.5	1
1936.0	0	1940.0	1	1962.0	0	1967.0	1	2039.5	0
2043.5	1	2079.5	0	2088.5	1	2103.0	0	2110.0	1
2124.5	0	2132.5	1	2165.0	0	2171.5	1	2194.5	0
2197.0	1	2201.5	0	2202.5	2	2301.0	0	2305.5	1
2365.5	0	2372.0	1	2394.0	0	2401.0	1	2423.0	0
2427.0	1	2450.5	0	2457.0	1	2482.0	0	2486.5	1
2509.5	0	2512.0	1	2513.5	3	2517.0	1	2534.0	0
2536.0	2	2539.0	0	2541.5	1	2543.5	3	2546.5	1
2598.0	0	2602.5	1	2621.0	0	2630.5	1	2656.0	0
2658.0	1	2677.5	0	2684.0	1	2694.5	0	2695.5	1
2696.0	0	2697.5	1	2743.5	0	2749.0	1	2756.0	0
2760.5	1	2808.5	0	2813.0	1	2943.5	0	2945.0	1
2972.0	0	2975.5	1	2976.0	3	2978.5	1	2993.0	0
2996.5	1	3001.0	0	3002.0	2	3005.5	0	3009.5	1
3039.5	0	3044.0	1	3137.0	0	3137.5	1	3138.0	0
3143.5	1	3150.0	0	3151.5	1	3167.5	0	3168.0	2
3172.0	0	3176.5	1	3242.0	0	3244.0	1	3270.5	0
3274.0	1	3306.0	0	3308.0	1	3308.5	0	3309.0	1
3328.5	0	3332.0	2	3334.5	0	3337.5	1	3338.0	2
3341.0	1	3374.0	0	3375.5	1	3376.0	0	3376.5	1

Figure 25 Waban to Woodland Data (cont'd)

FROM - WABAN
TO - WOODLAND
RIGHT PROFILE

FEET	ZONE	FEET	ZONE	FEET	ZONE	FEET	ZONE
3401.0	0	3403.0	1	3405.0	3	3407.5	1
3470.0	1	3470.5	3	3473.5	1	3490.0	0
3534.5	0	3541.0	1	3548.0	0	3554.5	1
3563.5	2	3568.5	0	3571.5	1	3581.5	0
3604.5	0	3607.0	1	3607.5	0	3608.0	1
3654.5	1	3655.0	0	3655.5	1	3673.0	0
3720.5	0	3721.5	1	3741.0	0	3742.5	1
3759.5	1	3774.5	0	3779.0	1	3795.5	0
3817.0	0	3820.5	1	3846.0	0	3846.5	1
3874.0	1	3902.5	0	3906.0	1	3920.5	0
3961.5	0	3965.0	1	3994.5	0	3996.0	1
4078.0	1	4103.0	0	4103.5	1	4104.0	0
4147.5	0	4148.0	1	4188.5	0	4193.0	1
4212.5	1	4332.5	0	4335.5	1	4372.5	0
4374.5	0	4380.0	1	4389.0	0	4391.0	2
4467.0	1	4502.5	0	4505.0	1	4522.0	0
4613.0	0	4618.5	1	4662.0	0	4670.0	1
4682.0	1	4727.5	0	4731.5	1	4769.5	0
4856.5	0	4858.0	1	4884.5	0	4887.0	1
4911.0	1	4948.0	0	4952.5	1	5038.0	0
5043.0	0	5043.5	2	5044.0	0	5044.5	2
5053.0	2	5064.0	0	5069.0	1	5095.5	0
5141.0	0	5142.0	1	5171.5	0	5173.0	1
5176.0	1	5180.0	0	5183.0	2	5192.0	0
5197.0	3	5200.0	1	5202.0	0	5202.5	1
5211.0	2	5224.0	0	5224.5	1	5225.0	0
5272.5	0	5274.0	1	5300.0	0	5303.0	1
5313.0	1	5313.5	0	5315.0	1	5336.5	0
5353.0	0	5357.0	1	5423.0	0	5425.5	2

Figure 25 Waban to Woodland Data (cont'd)

Figure 25 Waban to Woodland Data (cont'd)

RIGHT PROFILE					
FROM - WABAN		TO - WOODLAND			
FEET	ZONE	FEET	ZONE	FEET	ZONE
5440.5	1	5441.0	0	5441.5	1
5508.5	0	5512.0	1	5535.5	0
5578.0	1				
				5489.0	0
				5547.0	1
				5493.0	1
				5572.5	0

PAGE B 1

FROM - WABAN
TO - WOODLAND
RIGHT PROFILE

FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE
888.0	3	-0.757	2513.5	3	-0.826	2543.5	3	-0.840
2976.0	3	-0.751	3338.0	3	-0.777	3405.0	3	-0.949
3470.5	3	-0.762	5197.0	3	-1.033			

Figure 25 Waban to Woodland Data (cont'd)

Figure 25 Waban to Woodland Data (cont'd)

PAGE C 1				
FROM - WABAN TO - WOODLAND RIGHT PROFILE				
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURRENCES	TOTAL FT.
4	99.00	0.75	0	0.0
2	0.75	0.25	27	54.0
0	0.25	-0.25	215	4872.5
1	-0.25	-0.75	196	662.5
3	-0.75	-99.00	8	11.0

FROM - WOODLAND
TO - RIVERSIDE
LEFT PROFILE

FEET	ZONE										
17.5	0	19.5	1	98.5	0	100.5	2	103.5	0	193.5	2
108.0	1	162.5	0	165.0	1	190.5	0	223.5	1	250.5	0
197.0	0	198.5	1	218.5	0	283.0	1	349.0	0	350.0	1
253.5	1	282.0	0	416.5	1	452.5	0	455.0	1	606.5	0
414.5	0	611.0	1	680.0	0	681.0	1	682.5	0	686.5	2
611.0	1	690.0	0	694.0	2	697.0	0	698.5	1	757.0	0
690.0	0	762.5	2	767.5	0	768.5	1	772.5	0	775.0	2
777.0	0	780.0	1	833.5	0	838.0	1	839.5	0	839.5	0
840.0	2	840.5	0	841.0	2	841.5	0	842.0	2	842.0	2
847.5	0	850.0	2	855.0	0	859.0	2	866.5	0	866.5	0
870.0	1	982.5	0	987.0	2	1012.5	0	1015.0	2	1015.0	2
1018.0	0	1020.0	1	1042.0	0	1043.0	2	1203.0	0	1203.0	0
1204.0	2	1215.0	0	1219.5	1	1248.5	0	1249.0	1	1249.0	1
1270.5	0	1273.5	2	1276.0	0	1279.5	1	1306.5	0	1306.5	0
1311.5	1	1344.0	0	1345.0	1	1376.5	0	1379.0	1	1379.0	1
1396.0	0	1400.5	1	1401.0	0	1401.5	1	1459.0	0	1459.0	0
1463.0	1	1529.0	0	1530.0	1	1561.0	0	1564.5	1	1564.5	1
1594.0	0	1598.5	1	1628.5	0	1629.0	1	1661.5	0	1661.5	0
1663.5	1	1693.5	0	1694.0	1	1696.0	0	1696.5	1	1696.5	1
1793.0	0	1797.5	1	1801.0	0	1804.0	2	1826.0	0	1826.0	0
1826.5	1	1827.0	0	1831.0	1	1891.0	0	1896.0	1	1896.0	1
1923.5	0	1928.5	1	1957.0	0	1961.5	1	1991.5	0	1991.5	0
1996.5	1	2019.5	0	2024.0	1	2027.0	0	2030.0	1	2030.0	1
2062.5	0	2065.0	2	2086.5	0	2088.0	2	2096.0	0	2096.0	0
2100.5	2	2140.5	0	2141.0	2	2167.5	0	2171.0	2	2171.0	2
2175.0	0	2175.5	1	2183.0	0	2183.5	1	2184.0	0	2184.0	0
2185.0	1	2240.0	0	2243.5	1	2259.0	0	2263.0	1	2263.0	0
2305.0	0	2308.0	1	2322.0	0	2325.0	1	2353.0	0	2353.0	0

Figure 26 Woodland to Riverside Data

FROM - WOODLAND
TO - RIVERSIDE
LEFT PROFILE

FEET	ZONE								
2367.0	2	2388.5	0	2389.0	2	2407.0	0	2411.0	1
2425.0	0	2426.5	1	2434.5	0	2442.0	2	2461.0	0
2462.0	1	2556.0	0	2559.5	2	2587.5	0	2590.0	1
2708.0	0	2701.0	2	2721.0	0	2725.0	1	2729.0	0
2732.0	2	2784.5	0	2788.5	1	2823.5	0	2824.5	1
2830.0	0	2830.5	2	2844.5	0	2849.0	1	2900.0	0
2904.0	1	2960.5	0	2962.0	1	2968.0	0	2979.5	1
2994.0	0	2995.0	2	3066.5	0	3072.0	2	3075.5	0
3081.5	1	3130.0	0	3131.5	1	3373.5	0	3375.5	2
3383.0	0	3387.0	1	3467.5	0	3468.0	2	3490.5	0
3496.5	2	3561.0	0	3562.0	2	3570.5	0	3571.5	2
3575.5	0	3576.5	1	3589.0	0	3591.5	2	3594.0	0
3598.5	1	3599.0	0	3601.5	2	3603.5	4	3604.0	2
3606.5	0	3612.5	1	3630.5	0	3631.5	1	3634.5	0
3638.5	2	3640.0	0	3645.0	1	3646.0	0	3650.0	2
3651.5	0	3654.5	3	3655.0	0	3655.5	3	3656.0	0
3656.5	3	3657.0	4	3657.5	3	3658.0	4	3658.5	3
3659.0	4	4132.5	0						

Figure 26 Woodland to Riverside Data (cont'd)

Figure 26 Woodland to Riverside Data (cont'd)

FROM - WOODLAND TO - RIVERSIDE LEFT PROFILE				FEET ZONE MAX MAGNITUDE				FEET ZONE MAX MAGNITUDE			
3603.5	4	1.117		3654.5	3	-1.352		3655.5	3	-0.791	
3656.5	3	-1.043		3657.0	4	1.080		3657.5	3	-1.089	
3658.0	4	1.566		3658.5	3	-1.033		3659.0	4	1.256	

Figure 26 Woodland to Riverside Data (cont'd)

FROM - WOODLAND TO - RIVERSIDE LEFT PROFILE					
ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.	
4	99.00	0.75	4	271.0	
2	0.75	0.25	41	107.0	
0	0.25	-0.25	113	3812.5	
1	-0.25	-0.75	69	204.5	
3	-0.75	-99.00	5	5.0	

FROM - WOODLAND
TO - RIVERSIDE
RIGHT PROFILE

FEET	ZONE								
16.0	0	21.5	1	30.5	0	32.5	2	94.5	0
95.0	1	102.5	0	108.5	1	144.0	0	146.5	1
163.5	0	168.0	1	254.5	0	260.5	1	303.5	0
311.5	1	319.5	0	323.5	1	369.0	0	373.0	1
411.5	0	416.0	1	498.5	0	499.5	1	526.0	0
528.5	1	547.0	0	552.5	1	590.0	0	594.5	1
679.5	0	682.0	1	685.5	0	686.5	2	693.0	0
694.5	2	698.0	0	698.5	1	699.0	0	699.5	1
705.5	0	711.0	1	737.5	0	742.5	1	743.5	0
744.0	1	782.5	0	783.5	1	813.0	0	815.5	1
817.0	0	817.5	1	821.5	0	825.0	2	833.5	0
835.0	1	838.5	3	841.5	1	843.5	0	844.5	1
845.5	0	853.0	2	866.0	0	871.5	1	914.5	0
915.5	1	941.5	0	944.5	1	949.0	0	949.5	2
954.0	0	954.5	1	955.0	0	956.5	1	978.0	0
979.0	2	994.5	0	999.0	1	1064.5	0	1067.0	2
1130.5	0	1134.0	1	1150.5	0	1154.0	1	1177.0	0
1189.0	1	1214.5	0	1219.5	1	1246.5	0	1253.5	1
1307.5	0	1312.0	1	1342.0	0	1342.5	1	1462.0	0
1468.5	1	1472.5	0	1474.5	2	1491.0	0	1491.5	1
1492.0	0	1492.5	1	1524.0	0	1527.0	1	1562.0	0
1562.5	1	1584.5	0	1591.0	1	1656.5	0	1657.0	1
1658.0	0	1658.5	1	1685.5	0	1690.5	1	1732.5	0
1738.0	1	1751.5	0	1752.0	1	1752.5	0	1756.0	1
1787.0	0	1791.5	1	1792.0	0	1792.5	1	1855.5	0
1856.0	1	1856.5	0	1857.5	1	1858.0	0	1858.5	1
1892.5	0	1893.5	1	1894.0	0	1895.0	1	1916.5	0
1917.0	1	1917.5	0	1923.0	1	1933.5	0	1935.0	2
1949.5	0	1956.0	1	1969.0	0	1969.5	1	2017.5	0

Figure 26 Woodland to Riverside Data (cont'd)

FROM - WOODLAND
TO - RIVERSIDE
RIGHT PROFILE

FEET	ZONE								
2022.5	1	2045.0	0	2048.5	1	2050.0	3	2052.5	1
2056.5	0	2062.0	2	2074.0	0	2080.5	1	2087.5	0
2088.5	2	2182.5	0	2188.0	1	2237.5	0	2244.5	1
2301.5	0	2312.0	1	2339.5	0	2344.0	1	2381.0	0
2388.5	1	2389.0	0	2389.5	1	2421.5	0	2427.0	1
2443.5	0	2446.5	2	2449.5	0	2453.5	1	2532.5	0
2533.0	1	2533.5	0	2534.0	1	2597.0	0	2597.5	1
2613.0	0	2618.5	1	2642.0	0	2646.5	1	2696.5	0
2697.0	1	2697.5	0	2699.0	1	2699.5	0	2700.0	1
2700.5	0	2701.0	1	2701.5	0	2702.0	1	2741.5	0
2744.5	1	2780.0	0	2788.5	1	2816.5	0	2822.5	1
2845.0	0	2851.5	1	2895.5	0	2898.5	1	2924.5	0
2926.0	1	2957.0	0	2963.5	1	2972.0	0	2979.5	1
3002.0	0	3005.5	1	3038.0	0	3039.5	1	3048.5	0
3052.5	1	3074.5	0	3080.5	1	3132.0	0	3132.5	1
3166.0	0	3167.0	1	3184.5	0	3188.5	1	3204.5	0
3209.5	1	3235.0	0	3240.0	1	3272.0	0	3272.5	1
3283.5	0	3287.5	1	3331.0	0	3336.5	1	3355.5	0
3358.0	2	3361.0	0	3364.5	1	3382.0	0	3388.5	1
3401.5	0	3402.5	1	3481.0	0	3490.5	2	3594.0	0
3595.0	1	3610.0	0	3614.0	1	3641.5	0	3647.0	1
3650.0	0	3651.5	2	3654.5	3	3655.0	1	3655.5	2
3656.0	3	3656.5	4	3657.0	3	3657.5	2	3658.0	0
3659.5	4	4132.5	0						

Figure 26 Woodland to Riverside Data (cont'd.)

FROM - WOODLAND TO - RIVERSIDE RIGHT PROFILE				PAGE B 1			
FEET	ZONE	MAX MAGNITUDE	FEET	ZONE	MAX MAGNITUDE	FEET	ZONE
838.5	3	-1.038	2050.0	3	-0.842	3654.5	3
3656.0	3	-0.841	3656.5	4	1.398	3657.0	3
3659.5	4	1.250					

Figure 26 Woodland to Riverside Data (cont'd)

ZONE	UPPER LIMIT	LOWER LIMIT	NO. OCCURANCES	TOTAL FT.
4	99.00	0.75	2	269.5
2	0.75	0.25	18	47.0
0	0.25	-0.25	126	3702.0
1	-0.25	-0.75	111	372.5
3	-0.75	-99.00	5	9.0

FROM - WOODLAND
TO - RIVERSIDE
RIGHT PROFILE

Figure 26 Woodland to Riverside Data (cont'd)

HE 18.5 A37
no DOT-TSC-
UMTA- 74-1, IV;

BORROWER

Form DOT F 17
FORMERLY FORM



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